



EOG Resources, Inc.
600 Seventeenth Street
Suite 1100N
Denver, CO 80202
(303) 572-9000
Fax: (303) 824-5400

April 25, 2001

State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Attention: Mr. John Baza

RE: Request for Exception to Location
and Siting of Wells
East Chapita 800-16
NE/4SW/4 of Sec. 16-9S-23E, SLM
Uintah County, Utah
Chapita Wells Prospect
1500-G06, 0076388-000

Gentlemen:

All formations underlying Section 16, Township 9 South, Range 23 East, SLM, Uintah County, Utah, are currently subject to Utah Administrative Code General Rule R649-3-2 which prescribes that "in the absence of special orders of the board establishing drilling units or authorizing different well density or location patterns for particular pools or parts thereof, each oil and gas well shall be located in the center of a 40 acre quarter-quarter section . . . with a tolerance of 200 feet in any direction from the center location, a "window" 400 feet square" and "no oil or gas well shall be drilled less than 920 feet from any other well drilling to or capable of producing oil or gas from the same pool . . ."

EOG Resources, Inc. (EOG) proposes and respectfully requests permission to drill the East Chapita 800-16, a 9005' Mesaverde formation test well, at a location 1865' FSL, 1693' FWL (NE/4SW/4) of Section 16, Township 9 South, Range 23 East, SLM, Uintah County, Utah. Said location is outside of the legal window prescribed in Rule R649-3-2, but is not closer than 920' from any producing Mesaverde well which has been drilled or any proposed Mesaverde wells in the vicinity.

The East Chapita 800-16 location was originally planned for the western portion of the window prescribed in Rule R649-3-2 based on geology. However, it had to be moved southwest and outside of this window in order to avoid a steep hillside. Thus, the requested exception location is necessary for EOG to drill same.

RECEIVED

APR 27 2001

DIVISION OF
OIL, GAS AND MINING

energy opportunity growth

State of Utah
Division of Oil, Gas and Mining
April 25, 2001
Page 2 of 2

Enclosed herewith are copies of the survey plat for this well and another plat which visually displays the location at which an oil or gas well could be drilled in compliance with Rule R649-3-2, the location at which EOG requests permission to drill and the locations at which oil or gas wells have been drilled or could be drilled in accordance with Rule R649-3-2 or board drilling unit order, directly or diagonally offsetting the proposed exception location.

All of Section 16, Township 9 South, Range 23 East, SLM, Uintah County, Utah, is covered by a single State of Utah School and Institutional Trust Lands Administration Oil, Gas and Hydrocarbon Lease No. ML-47045 under which EOG now owns 100% of the record title interest and operating rights. Thus, there are no other owners within a 460' radius of the proposed East Chapita 800-16 well location whose consent is required.

EOG respectfully requests the Utah Division of Oil, Gas and Mining review and grant administrative approval of this application for an exception well location and permission to drill the proposed Mesaverde formation well described herein at its earliest opportunity.

If you have any questions or need any additional information, please do not hesitate to contact the undersigned.

Yours very truly,

EOG RESOURCES, INC.



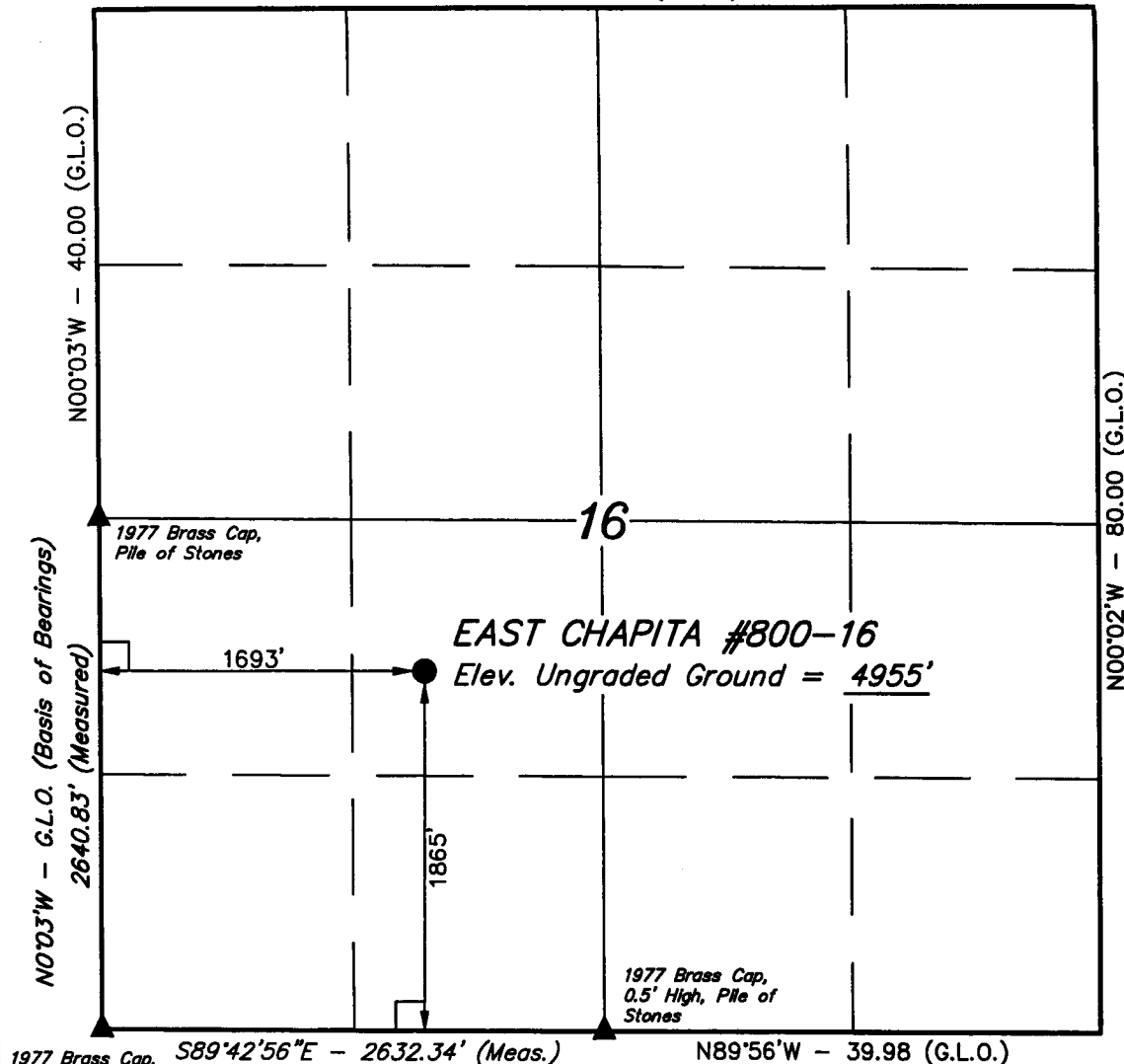
Toni Lei Miller
Project Landman

TLM/kse
Enclosures
(m:\tlim\april\stutltr80016.doc)

cc: Ed Trotter (w/copies of enclosures)
Jim Schaefer – EOG (w/copies of enclosures)
Roger Falk – EOG (w/copies of enclosures)
Dan Frederick – EOG (w/copies of enclosures)

T9S, R23E, S.L.B.&M.

WEST - 79.84 (G.L.O.)



1977 Brass Cap,
Pile of Stones

S89°42'56"E - 2632.34' (Meas.)

N89°56'W - 39.98 (G.L.O.)

LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

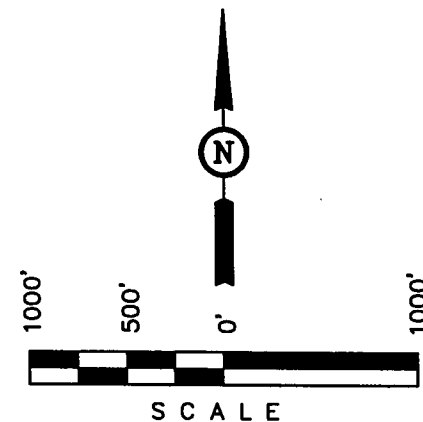
LATITUDE = 40°02'01"
LONGITUDE = 109°20'05"

EOG RESOURCES, INC.

Well location, EAST CHAPITA #800-16, located as shown in the NE 1/4 SW 1/4 of Section 16, T9S, R23E, S.L.B.&M. Uintah County, Utah.

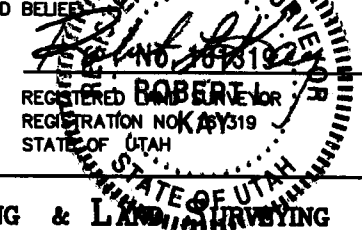
BASIS OF ELEVATION

BENCH MARK LOCATED IN THE NE 1/4 OF SECTION 21, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5026 FEET.



CERTIFICATE

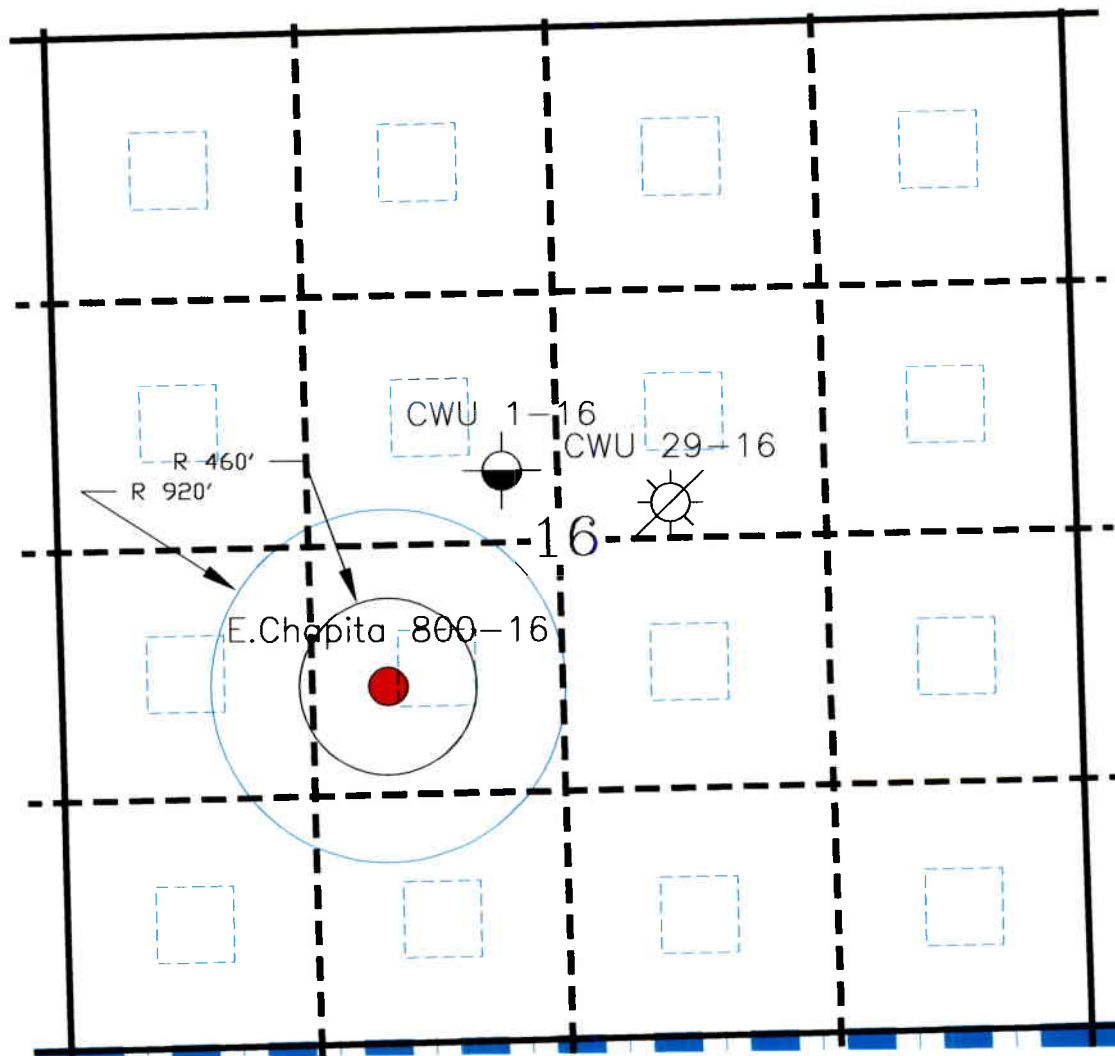
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 4-2-01	DATE DRAWN: 4-11-01
PARTY J.F. P.J. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE EOG RESOURCES, INC.	

R 23 E



T
9
S

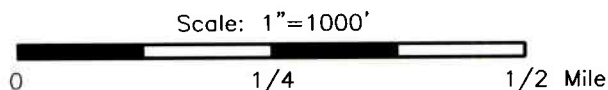
----- OIL OR GAS WELL LOCATION PATTERN PURSUANT TO
Utah Administrative Code Rule R649-3-2

□ LEGAL WINDOW WITHIN WHICH OIL OR GAS WELL COULD BE DRILLED IN COMPLIANCE WITH
Utah Administrative Code Rule R649-3-2



● LOCATION AT WHICH APPLICANT REQUESTS PERMISSION TO DRILL:
East Chapita #800-16, NE SW SEC. 16, T9S - R23E
1865' FSL, 1693' FWL

■ | ■ Chapita Wells Unit



eog resources

Denver Division

Well Exception Location Request
East Chapita #800-16 Well

UINTAH COUNTY, UTAH

Scale: 1"=1000'	Map ID 9-23-16	Author T.L.M.	Date: 4-24-01
-----------------	----------------	---------------	---------------

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. Lease designation and serial number ML-47045	
b. TYPE OF WELL Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone <input type="checkbox"/>		6. If Indian, Allottee or Tribe name N/A	
2. Name of Operator EOG RESOURCES, INC.		7. Unit Agreement Name	
3. Address and Telephone Number P.O. BOX 1815, VERNAL, UT 84078 (435)789-0790		8. Farm or lease name, well no.	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 1865' FSL & 1693' FWL NE/SW At proposed prod. Zone 4432639 N 642096 E		9. API Well No. EAST CHAPITA 800-16	
14. Distance in miles and direction from nearest town or post office 30.0 MILES SOUTHEAST OF OURAY, UTAH		10. Field and pool, or wildcat MANCOS - Natural Buttes	
15. Distance from proposed location to nearest property or lease line, ft. 1693' (Also to nearest drig. Unit line, if any)		11. Sec., T., R., M., or BLK. and survey or area SEC. 16, T9S, R23E	
16. No. of acres in lease 640		12. County or parish UINTAH	
17. No. of acres assigned to this well		13. State UTAH	
18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft.		20. Rotary or cable tools ROTARY	
19. Proposed depth 9005'		22. Approx. date work will start UPON APPROVAL	
21. Elevations (show whether DF, RT, GR, etc.) 4954.2 FEET GRADED GROUND			

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	120' +/-	Cement with 50 sx Class "G" plus 2%
12 1/4"	9 5/8"	36.0#	2800' +/-	CaCl2. (Casing will be preset.) Cement
7 7/8"	4 1/2"	11.6#	9005'	interval from 2800' to 1800' with Class
				"G" plus 2% CaCl2 & 1/4#/sx Celloflake.

SEE ATTACHMENTS FOR:

8 POINT PLAN
BOP SCHEMATIC
SURFACE USE AND OPERATING PLAN
LOCATION PLAT
LOCATION LAYOUT
TOPOGRAPHIC MAPS "A", "B", AND "C"
GAS SALES PIPELINE—MAP "D"
FACILITY DIAGRAM

CONFIDENTIAL

Cement interval from 1800' to surface
With light weight cement plus specified additives. 1" top 25' with Class "G" cement plus 3% CaCl2. Cement interval from TD to 500'+/- above uppermost pay interval with 50/50 Pozmix w/2% gel & 10% salt. Volume to be calculated from Caliper log annular volume plus 5% excess. Circulate casing before cementing. Reciprocate casing during Cementing.

EOG RESOURCES INC. WILL BE THE DESIGNATED OPERATOR
OF THE SUBJECT WELL UNDER BOND #JP-0921

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED Edith DATE 5-8-2001

(This space for Federal or State office use)

PERMIT NO. 13-047-34073

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE BRADLEY G. HILL DATE 06-13-01

RECLAMATION SPECIALIST III

EOG Resources, Inc.
P.O. Box 250
Big Piney, WY 83113

May 8, 2001

Utah Division of Oil, Gas, & Mining
1594 West North Temple
Box 145801
Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL
EAST CHAPITA 800-16
NE/4SW/4, SEC. 16, T9S, R23E
UINTAH COUNTY, UTAH
LEASE NO.: ML-47045
UTAH STATE LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Phone: (435)789-4120
Fax: (435)789-1420

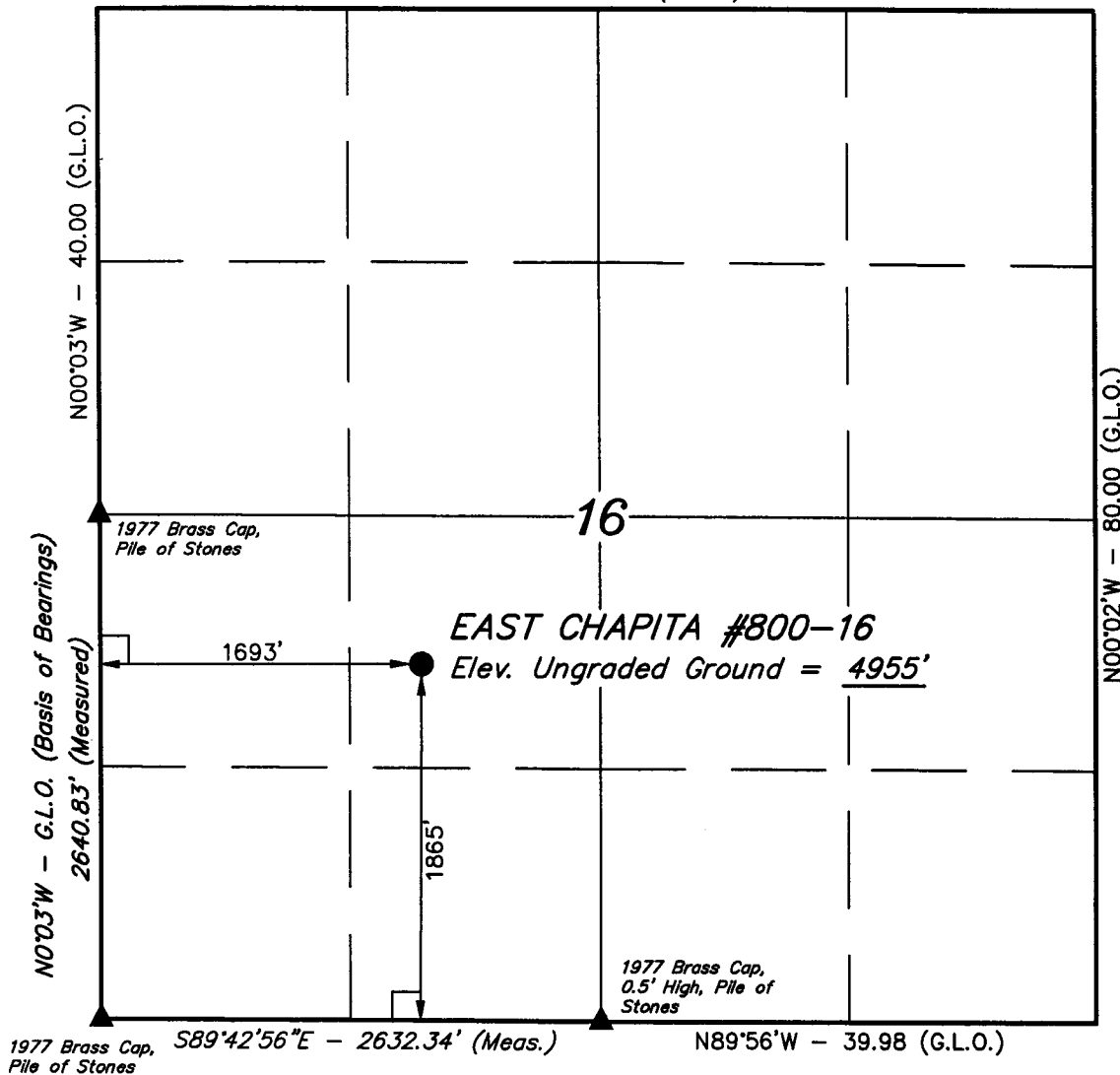
Sincerely,


Ed Trotter
Agent
EOG Resources, Inc.

Attachments

T9S, R23E, S.L.B.&M.

WEST - 79.84 (G.L.O.)



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

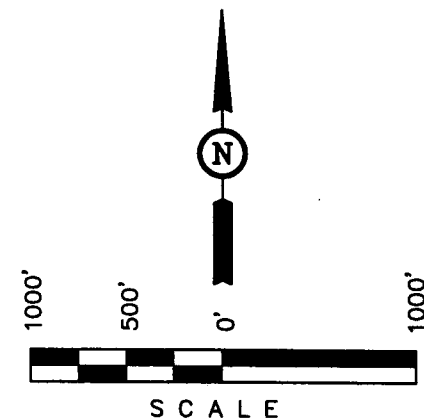
LATITUDE = 40°02'01"
LONGITUDE = 109°20'05"

EOG RESOURCES, INC.

Well location, EAST CHAPITA #800-16, located as shown in the NE 1/4 SW 1/4 of Section 16, T9S, R23E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK LOCATED IN THE NE 1/4 OF SECTION 21, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5026 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

No. 161319
KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 4-2-01	DATE DRAWN: 4-11-01
PARTY J.F. P.J. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE EOG RESOURCES, INC.	

EIGHT POINT PLAN

EAST CHAPITA 800-16 NE/SW, SEC. 16, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH	TYPE ZONES	MAXIMUM PRESSURE
Green River	1705		
Base "M" Limestone	4293		
Wasatch	4604		
Peters Point	4604	GAS	
Chapita Wells	4887	GAS	
Buck Canyon	5434	GAS	
North Horn	6190		
Lower North Horn	6797		
Mesa Verde –			
Price River	7329		
Lower Price River	8256		
Sego	8788		
Castlegate	8997		
Mancos	9408		

CONFIDENTIAL

EST. TD: 9005

Anticipated BHP 3900 PSI

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

HOLE SIZE	INTERVAL	LENGTH	SIZE	WEIGHT	GRADE	THREAD	MINIMUM SAFETY FACTOR		
							COLLAPSE	BURST	TENSILE
17 1/2"	0' - 120' +/- GL	200' - 220'	13 3/8"	48.0 #	H-40	ST&C	770 PSI	1730 PSI	322,000#
12 1/4"	0' - 2800' +/- KB	200' - 220'	9 5/8"	36.0 #	J-55	ST&C	2020 PSI	3520 PSI	394,000#
7 7/8"	0' - 9005' +/- KB	9005'	4 1/2"	11.6 #	N-80	LT&C	6350 PSI	7780 PSI	223,000#

If conductor drive pipe is used, it will be left in place if its total length is less than 20 feet below the surface. If the total length of the drive pipe is equal to or greater than 20 feet, it will be pulled prior to cementing surface casing, or it will be cemented in place. The minimum diameter of the conductor drive pipe will be 13 3/8".

All casing will be new or inspected.

EIGHT POINT PLAN

EAST CHAPITA 800-16
NE/SW, SEC. 16, T9S, R23E, S.L.B.&M.
UINTAH COUNTY, UTAH

CONFIDENTIAL

5. MUD PROGRAM

Depth INTERVAL From To	Mud Weight	Vis	WL (cc)	MUD TYPE
0' - 120'	N/A	N/A	N/A	Air
120' - 2800'	N/A	N/A	N/A	Air/Mist or Aerated Water
2800' - TD	As Needed	As Needed	<8	Aerated 4% KCL water, salt gel

NOTE: Add 400 sx KCL to system over 24 hour period after reaching 4000'. Maintain 4% system to TD. (Convert to salt gel mud system as hole conditions dictate.)

Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise.

6. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- B. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

7. EVALUATION PROGRAM:

Logs: Schlumberger Platform Express
 HALS/GR/CAL, FDC/CNL/GR/CAL/PE/Dipole Sonic

T.D. to base of surface casing

Cores: None Programmed
 DST: None Programmed

Completion: To be submitted at a later date.

Note: If hole conditions prevent the running of open hole logs, a cased hole Dipole Sonic/Neutron/Gr will be run in lieu of open hole logs.

EIGHT POINT PLAN

EAST CHAPITA 800-16
NE/SW, SEC. 16, T9S, R23E, S.L.B.&M.
UINTAH COUNTY, UTAH

CONFIDENTIAL

5. MUD PROGRAM

Depth INTERVAL From To	Mud Weight	Vis	WL (cc)	MUD TYPE
0' - 120'	N/A	N/A	N/A	Air
120' - 2800'	N/A	N/A	N/A	Air/Mist or Aerated Water
2800' - TD	As Needed	As Needed	<8	Aerated 4% KCL water, salt gel

NOTE: Add 400 sx KCL to system over 24 hour period after reaching 4000'. Maintain 4% system to TD.
(Convert to salt gel mud system as hole conditions dictate.)

Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise.

6. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- B. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

7. EVALUATION PROGRAM:

Logs: Schlumberger Platform Express
HALS/GR/CAL, FDC/CNL/GR/CAL/PE/Dipole Sonic

T.D. to base of surface casing

Cores: None Programmed
DST: None Programmed

Completion: To be submitted at a later date.

Note: If hole conditions prevent the running of open hole logs, a cased hole Dipole Sonic/Neutron/Gr will be run in lieu of open hole logs.

EIGHT POINT PLAN

EAST CHAPITA 800-16
NE/SW, SEC. 16, T9S, R23E, S.L.B.&M.
UINTAH COUNTY, UTAH

CONFIDENTIAL

8. ABNORMAL CONDITIONS:

Lost circulation probable from 1500' to 3000'+/-. Underbalanced circulation system will require rotating head. Potential gas kicks in Green River, Wasatch & Mesa Verde. Potential Shale swelling/sloughing problems. Drilling jars may be utilized depending on hole conditions, projected TD, and exposure time in the Wasatch formation. Use 4% KCL in water to stabilize the shales. Meter air and add foamer to maximize consistency of returns and maintain stable pit levels. After converting to mud system, maintain water loss at <8cc.

Possible lost circulation near top of Green River
Mesa Verde Section slightly over-pressured.

9. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Clock
- C. Stabbing Valve
- D. Visual Mud Monitoring

10. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

3000 PSIG DIAGRAM

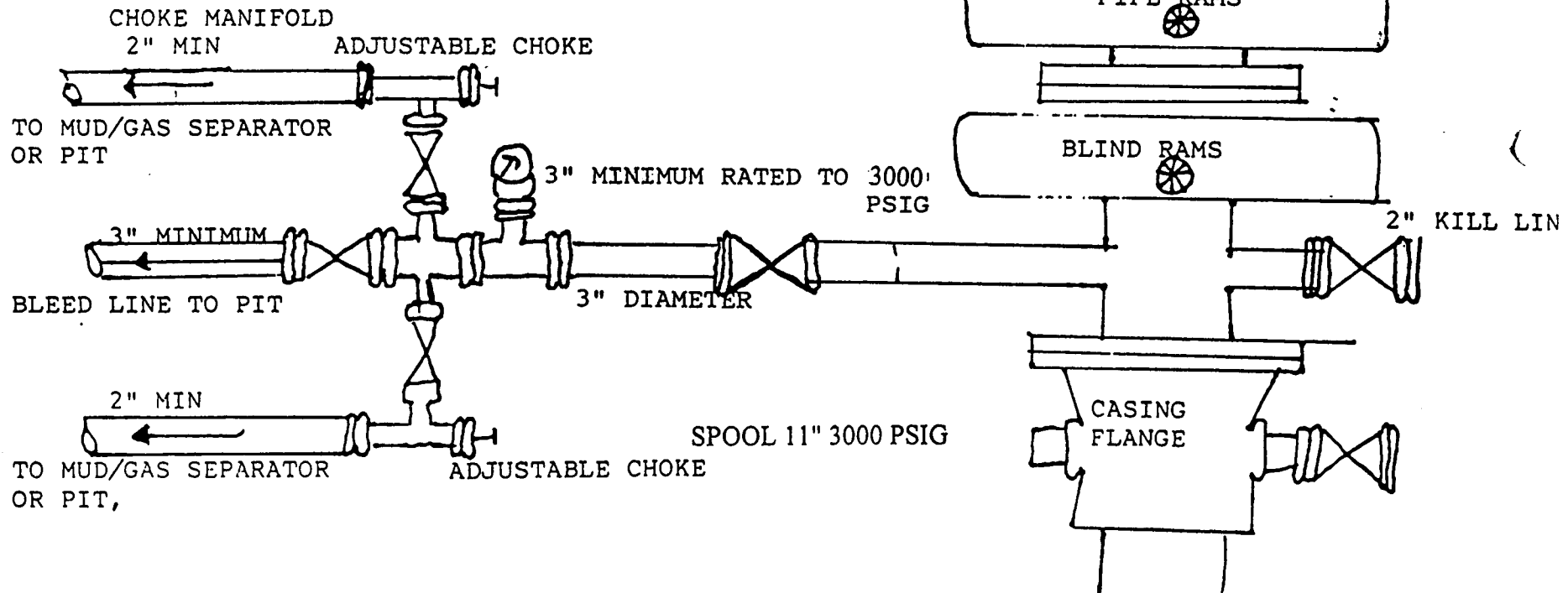
ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 RATED.

CASING FLANGE IS 11" 3000 PSIG RATED.

BOPE 11" 3000 PSIG

TESTING PROCEDURE:

1. BOPE 's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig
3. Annular preventor will be tested to 50% of working pressure, 1500 psig
4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications.



**CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL**

Company/Operator: EOG Resources, Inc.
Well Name & Number: East Chapita 800-16
Lease Number: ML-47045
Location: 1865' FSL & 1693' FWL, NE/SW, Sec.
16, T9S, R23E, S.L.B.&M., Uintah
County, Utah

Surface Ownership: STATE OF UTAH

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction
of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice: - at least twenty-four (24) hours prior to
spudding the well.

Casing String and
Cementing - twenty-four (24) hours prior to running
casing and cementing all casing strings.

BOP and related
Equipment Tests - twenty-four (24) hours prior to running
casing and tests.

First Production
Notice - within five (5) business days after new
Well begins or production resumes after
Well has been off production for more than
ninety (90) days.

For more specific details on notification requirements, please check the Conditions of
Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 30.0 miles southeast of Ouray, Utah - See attached TOPO Map "A" .
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 0.4 miles in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Diverting water off at frequent intervals by means of cutouts shall prevent erosion of drainage ditches by

run off water. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION

Abandoned wells – 2*

(*See attached TOPO map “C” for location)

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. ON WELL PAD

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of well head valves, separator, dehy, 210 Bbl condensate tank, meter house and attaching piping. See attached facility diagram.
2. Gas gathering lines - A 3” gathering line will be buried from dehy to the edge of the location.

B. OFF WELL PAD

1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
2. A 3” OD steel above ground natural gas pipeline will be laid approximately 8759’ from proposed location to a point in the SE/SW of Section 20, T9S, R23E, where it will tie into Questar Pipeline Co.’s existing line. Proposed pipeline crosses State of Utah administered lands, thus a Right-of -Way grant will be required.
3. Proposed pipeline will be a 3” OD steel, welded line laid on the surface.
4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the West side of the location.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from the Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Section 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
 - 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
 - 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at an approved waste disposal facility.
 - 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
 - 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

Burning of trash will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

The reserve pit will be constructed so as not to leak, break, or allow discharge.

The reserve pit shall not be lined.

8. ANCILLARY FACILITIES

- A. No airstrips or camps are planned for this well.

9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the Southeast corner of the location.

The flare pit will be located downwind of the prevailing wind direction on the South side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored on the along the North side.

Access to the well pad will be from the East.

Corner #8 will be rounded off to minimize excavation.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

10. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

11. SURFACE OWNERSHIP

Access road: State of Utah

Location: State of Utah

12. OTHER INFORMATION

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;

- the mitigation measures the operator will likely have to undertake before the site can be used.

- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

Additional Surface Stipulations

None

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

OPERATIONS

EOG Resources, Inc.
P.O. Box 250
Big Piney, WY 83113
Jim Schaefer
Telephone (307)276-3331

EOG Resources, Inc.
P.O. Box 1815
Vernal, UT 84078
George McBride
Telephone (435)789-0790

PERMITTING

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Telephone: (435)789-4120
Fax: (435)789-1420

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Date

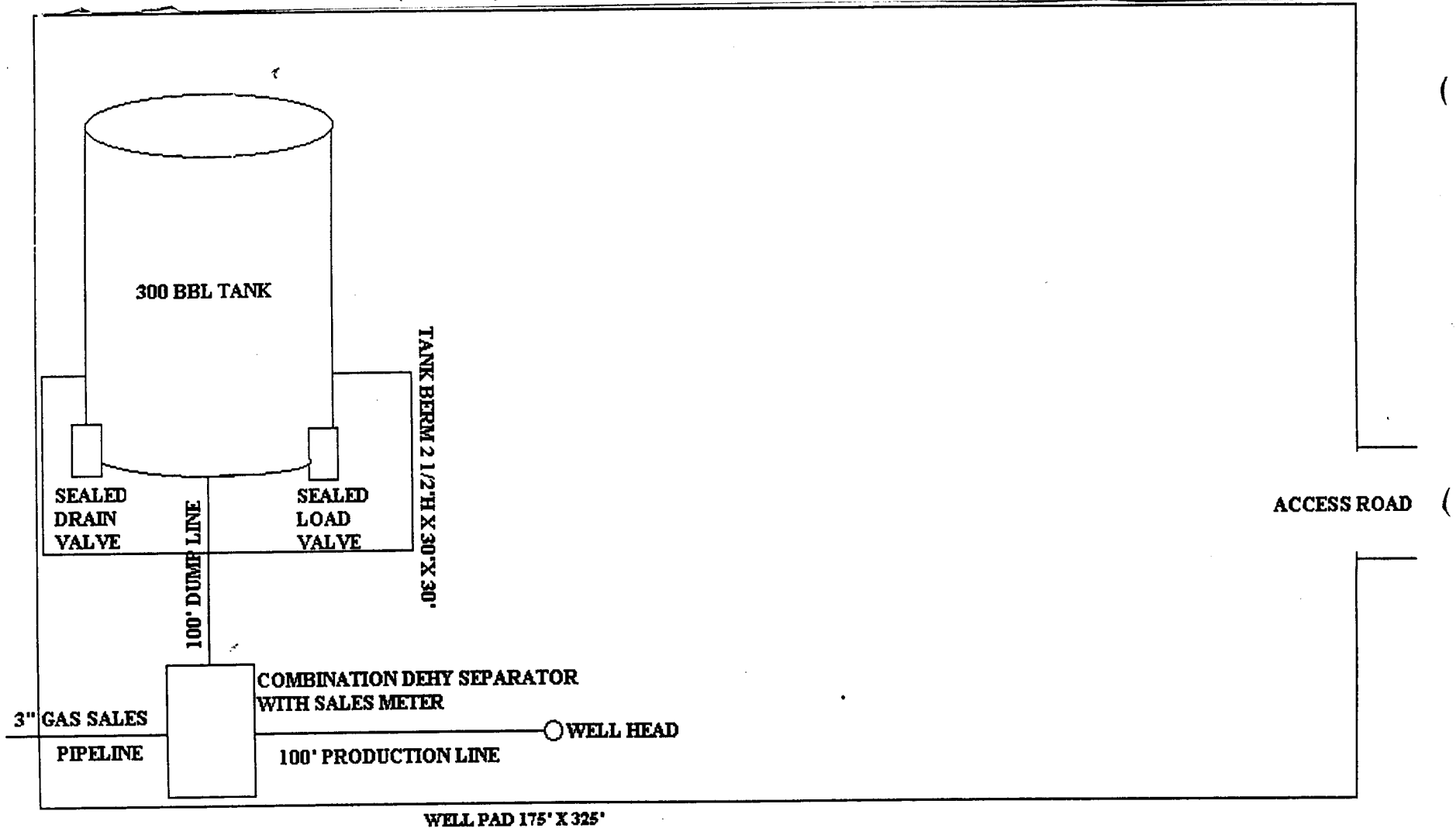
Agent

SITE FACILITY DIAGRAM

EAST CHAPITA 800-16
NE/SW, SEC. 16, T9S, R23E
UINTAH COUNTY, UTAH
LEASE NO. ML-47045
UTAH STATE LANDS

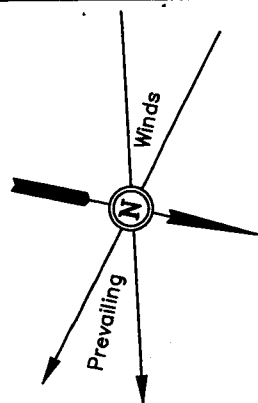


(Site Security Plan is on file at EOG Resources, Inc.'s Vernal Office)



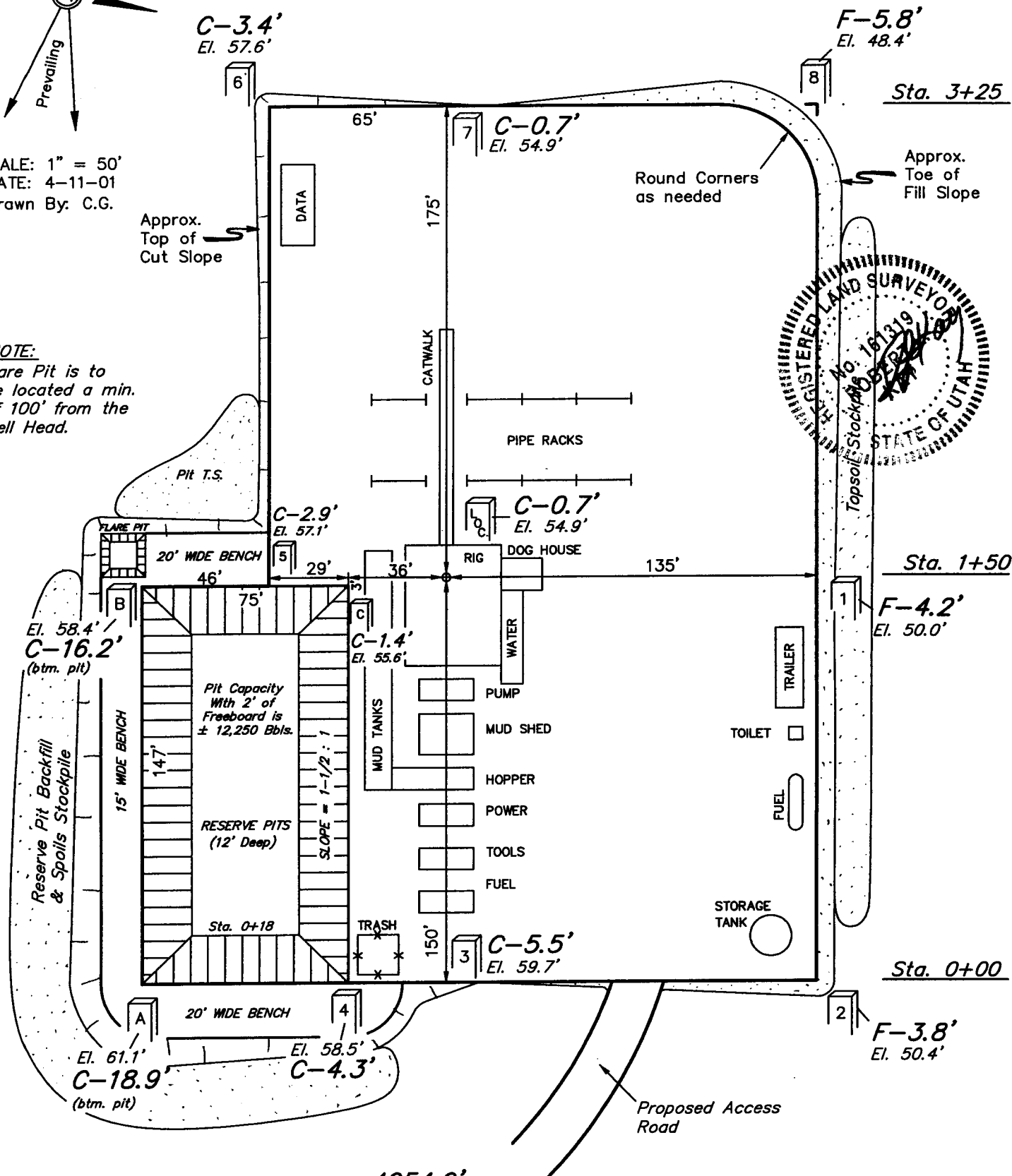
EOG RESOURCES, INC.

LOCATION LAYOUT FOR
EAST CHAPITA #800-16
SECTION 16, T9S, R23E, S.L.B.&M.
1865' FSL 1693' FWL



SCALE: 1" = 50'
DATE: 4-11-01
Drawn By: C.G.

NOTE:
Flare Pit is to
be located a min.
of 100' from the
Well Head.



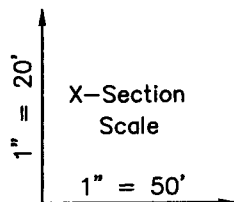
Elev. Ungraded Ground at Location Stake = 4954.9'
Elev. Graded Ground at Location Stake = 4954.2'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

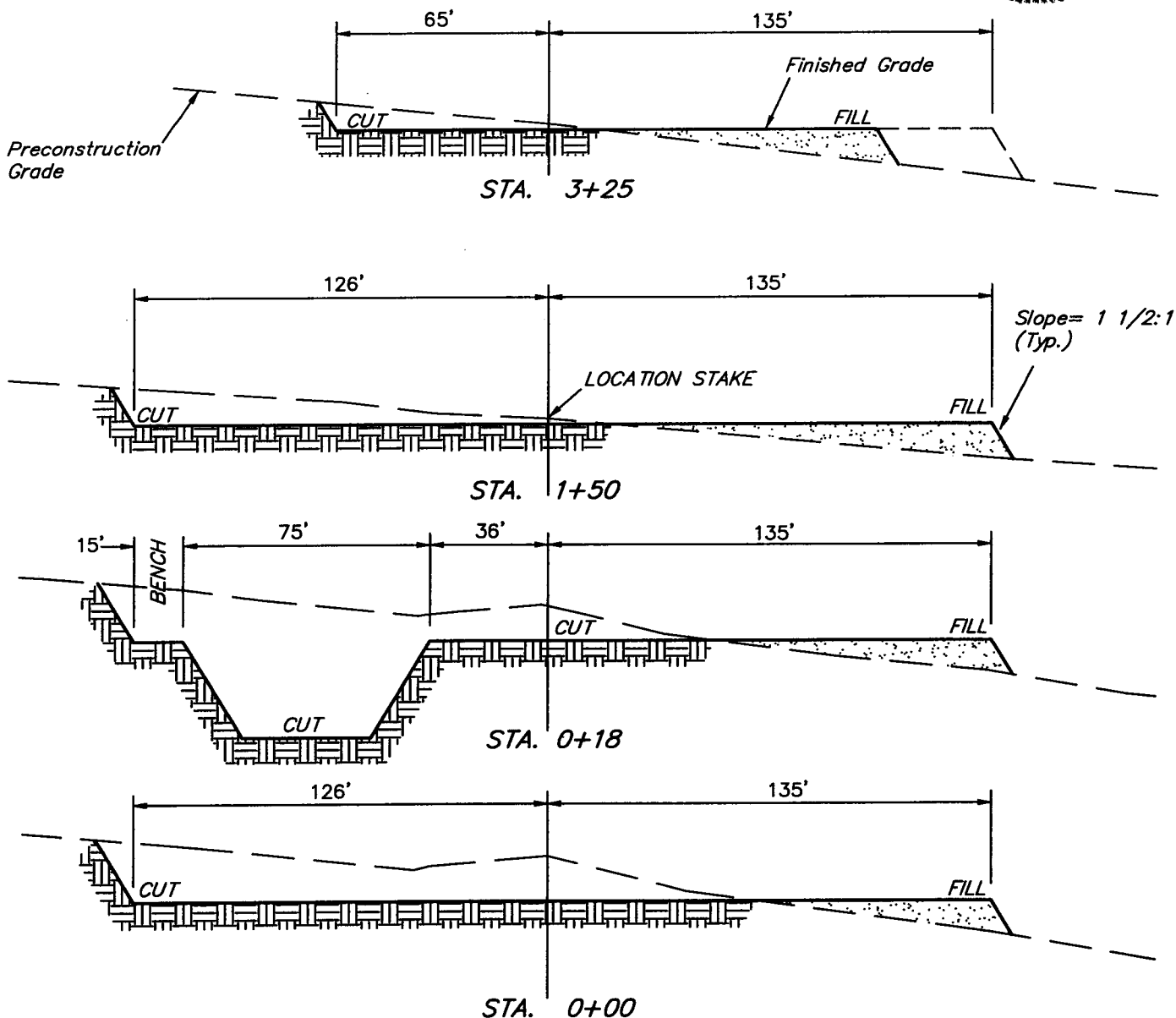
EOG RESOURCES, INC.

TYPICAL CROSS SECTIONS FOR

EAST CHAPITA #800-16
SECTION 16, T9S, R23E, S.L.B.&M.
1865' FSL 1693' FWL



DATE: 4-11-01
Drawn By: C.G.

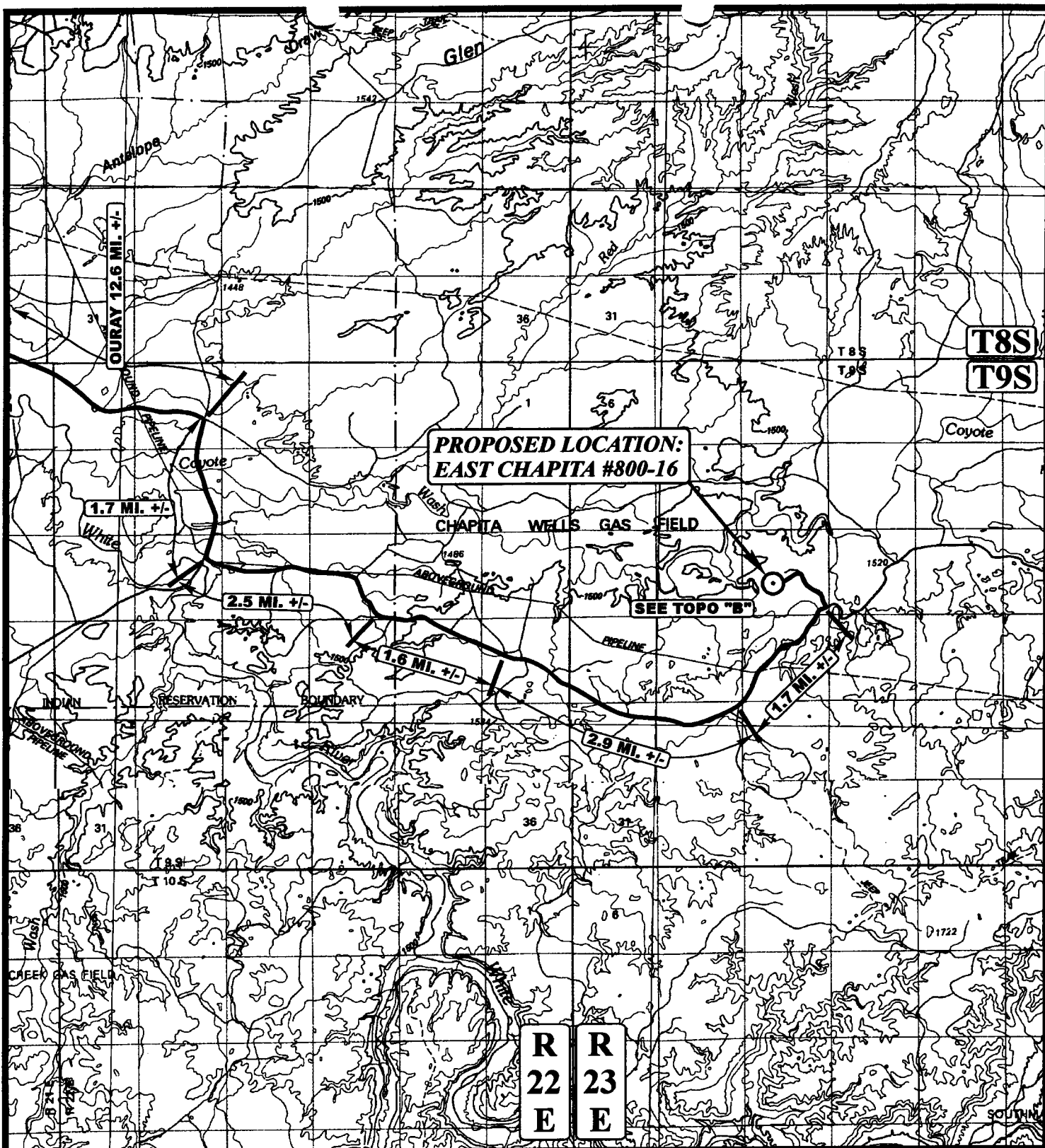


APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 1,430 Cu. Yds.
Remaining Location	= 6,230 Cu. Yds.
TOTAL CUT	= 7,660 CU.YDS.
FILL	= 4,340 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 3,090 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,090 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



LEGEND:

○ PROPOSED LOCATION



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



EOG RESOURCES, INC.

EAST CHAPITA #800-16
SECTION 16, T9S, R23E, S.L.B.&M.
1865' FSL 1693' FWL

TOPOGRAPHIC
MAP

4 **12** **01**
 MONTH DAY YEAR

SCALE: 1:100,000 | DRAWN BY: K.G. | REVISED: 00-00-00

A
 TOPO

EOG RESOURCES, INC.
EAST CHAPITA #800-16
LOCATED IN UINTAH COUNTY, UTAH
SECTION 16, T9S, R23E, S.L.B.&M.

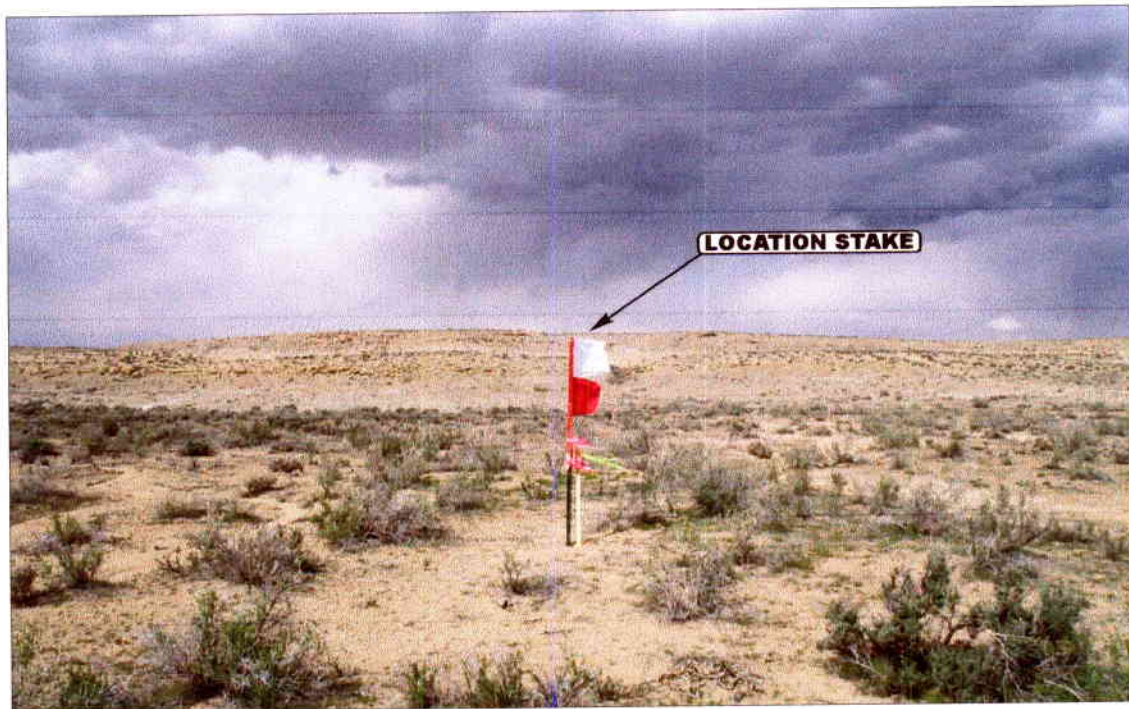


PHOTO: VIEW OF WELL LOCATION STAKE

CAMERA ANGLE: NORTHERLY

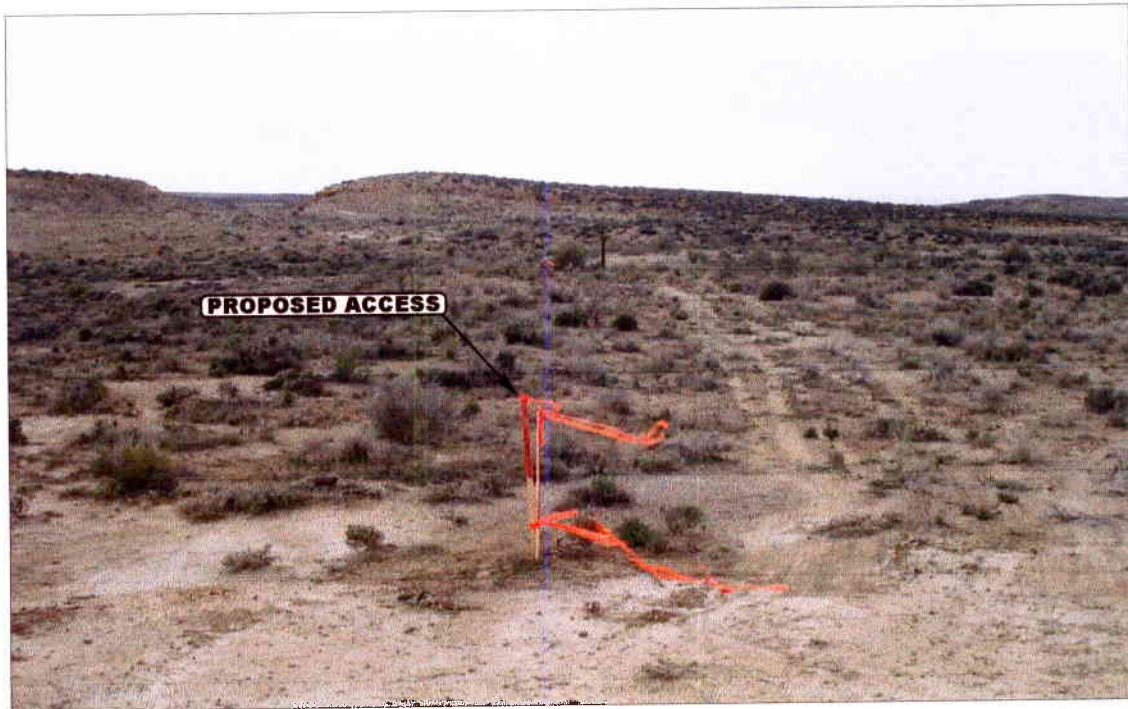


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

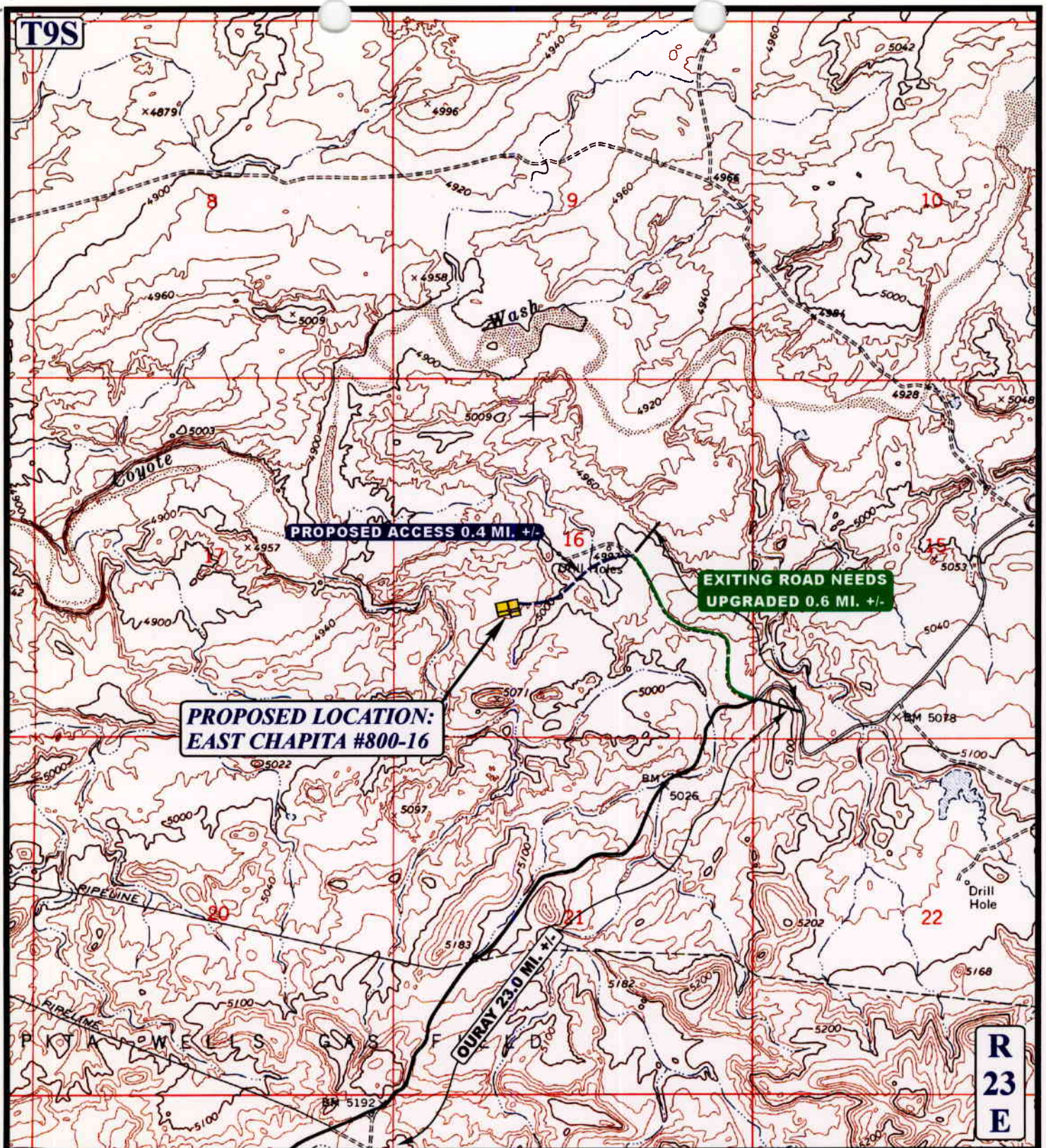
4 **11** **01**
MONTH DAY YEAR

TAKEN BY: J.F.

DRAWN BY: K.G.

REVISED: 00-00-00

PHOTO



LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD NEEDS UPGRADED
- EXISTING ROAD



EOG RESOURCES, INC.

EAST CHAPITA #800-16
SECTION 16, T9S, R23E, S.L.B.&M.
1865' FSL 1693' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

4 12 01
 MONTH DAY YEAR

SCALE: 1" = 2000' **DRAWN BY: K.G.** **REVISED: 00-00-00**





LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



EOG RESOURCES, INC.

EAST CHAPITA #800-16
SECTION 16, T9S, R23E, S.L.B.&M.
1865' FSL 1693' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

4 12 01
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 00-00-00



T9S

**PROPOSED LOCATION:
EAST CHAPITA #800-16**

PROPOSED ACCESS ROAD

PROPOSED PIPELINE

TIE-IN POINT

EXISTING PIPELINE

APPROXIMATE TOTAL PIPELINE DISTANCE = 8579' +/-

LEGEND:

- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- PROPOSED ACCESS

N

EOG RESOURCES, INC.

EAST CHAPITA #800-16

SECTION 16, T9S, R23E, S.L.B.&M.

1865' FSL 1693' FWL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

4 12 01
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 00-00-00



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/14/2001

API NO. ASSIGNED: 43-047-34073

WELL NAME: E CHAPITA 800-16

OPERATOR: EOG RESOURCES INC (N9550)

CONTACT: ED TROTTER, AGENT

PHONE NUMBER: 435-789-4120

PROPOSED LOCATION:

NESW 16 090S 230E

SURFACE: 1865 FSL 1693 FWL

BOTTOM: 1865 FSL 1693 FWL

UINTAH

NATURAL BUTTES (630)

LEASE TYPE: 3 - State

LEASE NUMBER: ML-47045

SURFACE OWNER: 3 - State

PROPOSED FORMATION: MVRD

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	Psm	6/4/01
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[] Ind[] Sta[3] Fee[]
(No. JP-0921)

☒ Potash (Y/N)

☒ Oil Shale (Y/N) *190-5 (B) or 190-3

☒ Water Permit

(No. MUNICIPAL)

☒ RDCC Review (Y/N)

(Date:)

☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

☐ R649-2-3. Unit

☐ R649-3-2. General

☒ Siting: 460 From Qtr/Qtr & 920' Between Wells

☒ R649-3-3. Exception

☐ Drilling Unit

Board Cause No:

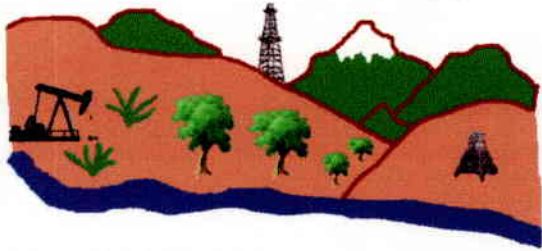
Eff Date:

Siting:

☐ R649-3-11. Directional Drill

COMMENTS: Need Presite. (5-29-01)

STIPULATIONS: ① STATEMENT OF BASIS



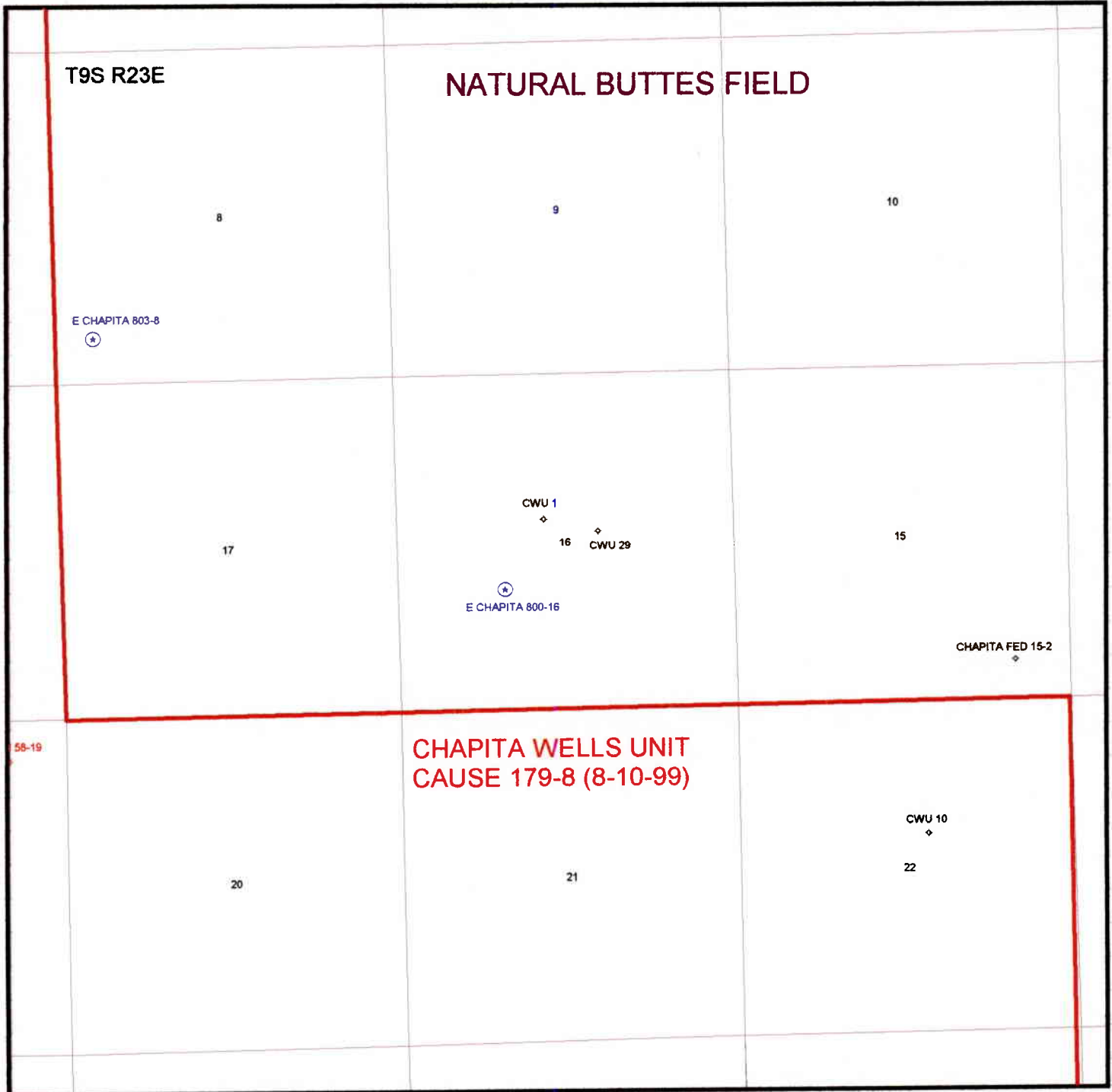
Utah Oil Gas and Mining

OPERATOR: EOG RESOURCES INC (N9550)

SEC. 16, T9S, R23E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH SPACING: R649-3-3/EX LOC



PREPARED BY: LCORDOVA
DATE: 16-MAY-2001

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: EOG RESOURCES, INC.
WELL NAME & NUMBER: EAST CHAPITA 800-16
API NUMBER: 43-047-34073
LEASE: ML-47045 FIELD/UNIT: NATURAL BUTTES
LOCATION: 1/4, 1/4 NE/SW SEC: 16 TWP: 9S RNG: 23E
1693' F W L 1865' F S L
LEGAL WELL SITING: Statewide 400 foot window in center of 40
acre tract and no closer than 920 feet from
another well.
GPS COORD (UTM): 12641998E 4432729N

SURFACE OWNER: STATE OF UTAH

PARTICIPANTS:

ED TROTTER (EOG), DAVID W. HACKFORD (DOGM),

REGIONAL/LOCAL SETTING & TOPOGRAPHY:

SITE IS IN A BROAD BOWL WITH LOW ROCKY RIDGES TO THE NORTH, EAST
AND SOUTH. DRAINAGE IS TO THE NORTH FOR 200' THEN TO THE WEST.
COYOTE WASH IS ONE MILE TO THE NORTH.

SURFACE USE PLAN:

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING.
HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WOULD BE 325' BY 246'
AND ACCESS ROAD WOULD BE 0.4 MILES OF NEW CONSTRUCTION AND
0.6 MILES OF TWO TRACK NEEDING UPGRADED.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE
ATTACHED MAP FROM GIS DATABASE

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: _____
ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED
AFTER DRILLING WELL. PIPELINE WILL RUN TO THE SOUTHWEST FOR
1.3 MILES AND TIE INTO AN EXISTING LINE AT THIS POINT.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL
WILL BE BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS:

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: NATIVE GRASSES, SAGE, SALTBRUSH, CHEATGRASS, GREASEWOOD, PRICKLY PEAR: PRONGHORN, COYOTE, SONG BIRDS, RAPTORS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION SHOULDN'T CAUSE ANY INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT:

CHARACTERISTICS: 147' BY 75' AND 12' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): _____
A LINER WILL NOT BE REQUIRED FOR RESERVE PIT.

SURFACE RESTORATION/RECLAMATION PLAN:

AS PER S.I.T.L.A.

SURFACE AGREEMENT: AS PER S.I.T.L.A.

CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY JIM TRUESDALE, AN INDEPENDENT ARCHAEOLOGICAL CONSULTANT. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON FILE.

OTHER OBSERVATIONS/COMMENTS:

THE PRE-DRILL INVESTIGATION TOOK PLACE ON A HOT BREEZY DAY.

ATTACHMENTS:

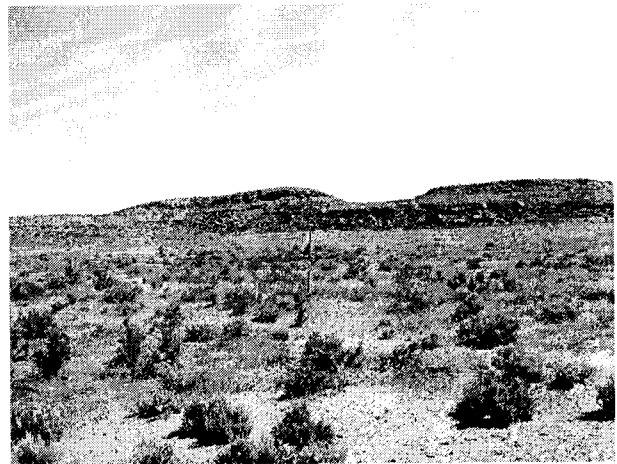
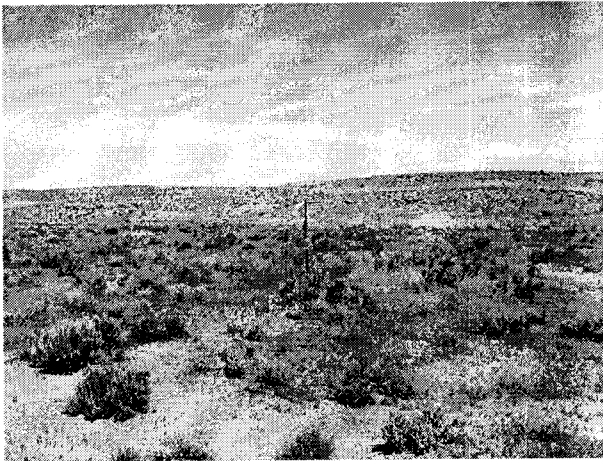
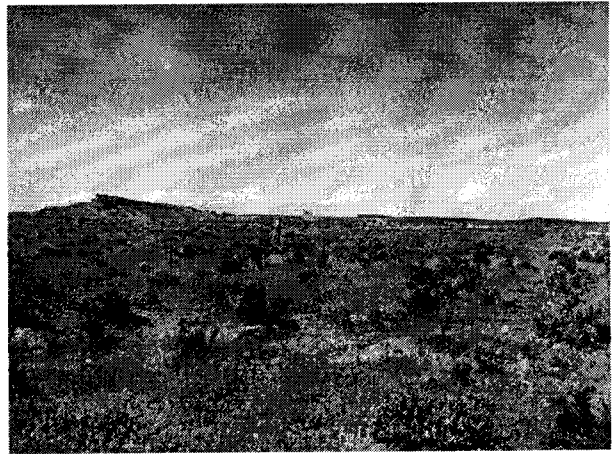
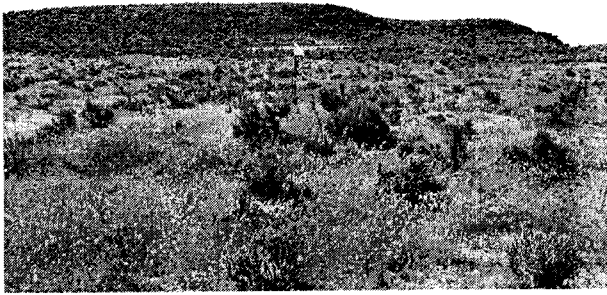
PHOTOS OF SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD
DOGM REPRESENTATIVE

11:00 AM- 5/29/2001
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and On-site Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>0</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility		
Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>
Final Score		<u>10</u>



**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

Operator Name: E0G RESOURCES, INC.
Well Name & Number: EAST CHAPITA 800-16
API Number: 43-047-34073
Location: 1/4, 1/4 NE/SW Sec. 16 T. 9S R. 23E

Geology/Ground Water:

EOG has proposed setting 120' of conductor pipe and 2800' of surface casing in the proposed well. The depth to the moderately saline ground water at this location is estimated to be at approximately 500 feet. A search of records with the Division of Water Rights shows no underground water wells within 10,000' of the proposed location. The near-surface geology of this area is made up of interbedded sandstones and shales of the Uinta Formation. The sandstones of the Uinta Formation are lenticular and discontinuous and would not constitute an extensive water reservoir. The proposed casing program should adequately protect any potential sources of useable underground water.

Reviewer: Brad Hill
Date: 05/30/2001

Surface:

The pre-drill investigation of the surface was performed on 5/29/2001. Ed Bonner with S.I.T.L.A. and Jack Lytle with D.W.R. were notified of this investigation on 5/21/2001. Neither chose to attend. This site appears to be the best spot for a location in the immediate area. The access road to this site will begin at a PA marker located in SW/NE Sec 16, 9S, 23E. This PA is the CWU 29 drilled by Belco Pet. Corp. in 1961.

Reviewer: David W. Hackford
Date: 5/29/2001

Conditions of Approval/Application for Permit to Drill:

None.

UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED WED, MAY 30, 2001, 8:20 AM
PLOT SHOWS LOCATION OF 0 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 10000 FEET FROM A POINT
FEET, FEET OF THE NW CORNER,
SECTION 16 TOWNSHIP 9S RANGE 23E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 4000 FEET

N O R T H

**

**

**

**

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

*

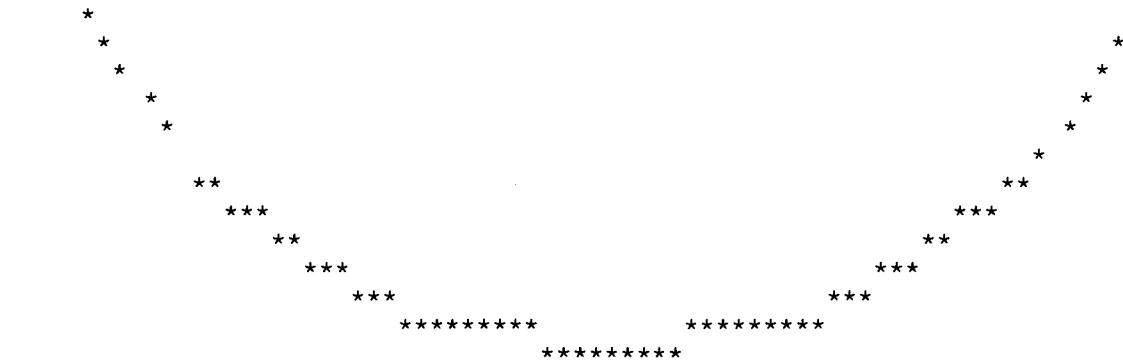
*

*

*

*

*



Well name:

06-01 EOG EC 800-16

Operator: **EOG**

String type: Production

Project ID:

43-047-34073

Location: Uintah Co.

Design parameters:**Collapse**

Mud weight: 8.600 ppg

Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No

Surface temperature: 65 °F

Bottom hole temperature: 191 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 220 ft

Cement top: 4,105 ft

Burst

Max anticipated surface pressure: 0 psi

Internal gradient: 0.447 psi/ft

Calculated BHP 4,023 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.

Neutral point: 7,847 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	9005	4.5	11.60	N-80	LT&C	9005	9005	3.875	208.7
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4023	6350	1.58	4023	7780	1.93	104	223	2.13 J

Prepared R.A.McKEE
by: Utah Dept. of Natural Resources

Date: June 4,2001
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 9005 ft, a mud weight of 8.6 ppg The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	06-01 EOG EC 800-16		
Operator:	EOG		
String type:	Surface		Project ID: 43-047-34073
Location:	Uintah Co.		

Design parameters:
Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 104 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 220 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 0 psi
Internal gradient: 0.442 psi/ft
Calculated BHP 1,236 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.

Neutral point: 2,452 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 9,200 ft
Next mud weight: 8.500 ppg
Next setting BHP: 4,062 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,800 ft
Injection pressure 2,800 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2800	9.625	36.00	J-55	ST&C	2800	2800	8.796	199.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1222	2020	1.65	1236	3520	2.85	101	394	3.91 J

Prepared R.A.McKEE
by: Utah Dept. of Natural Resources

Date: June 4, 2001
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

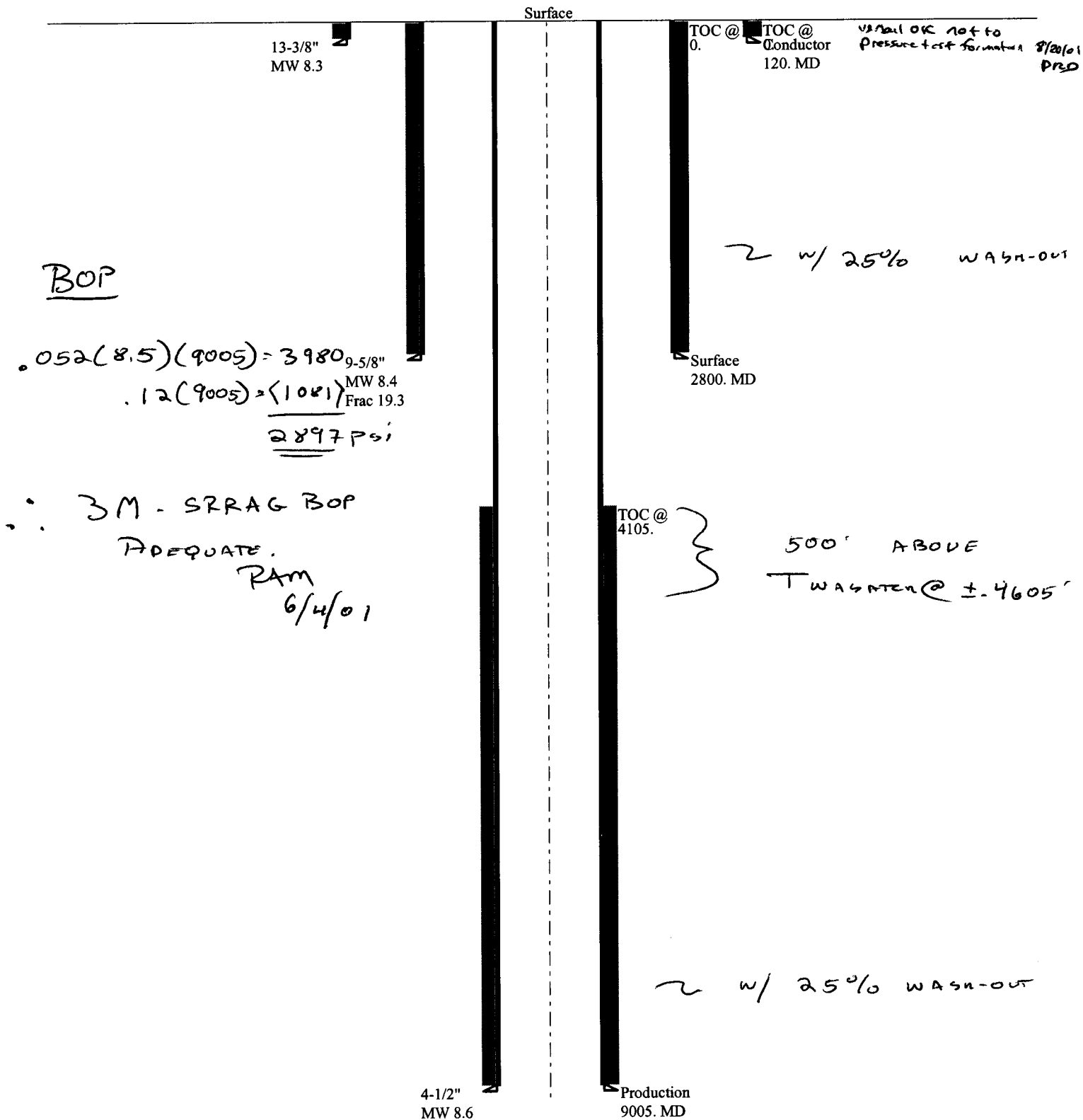
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 2800 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Casing Schematic



LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION**OPERATIONS**

EOG Resources, Inc.
P.O. Box 250
Big Piney, WY 83113
Jim Schaefer
Telephone (307)276-3331

EOG Resources, Inc.
P.O. Box 1815
Vernal, UT 84078
George McBride
Telephone (435)789-0790

PERMITTING

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Telephone: (435)789-4120
Fax: (435)789-1420

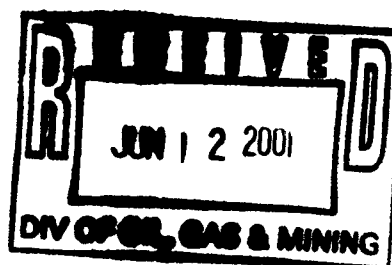
All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

5-8-2001
Date

Ed Trotter
Agent



FAX COVER SHEET

FROM: ED TROTTER

FAX NO. 435-789-1420

TELEPHONE NO. 435-789-4120

TO: UDOG & M

FAX NO. 801-359-3940

ATTENTION: LESHA CORDOVA

DATE: 6-12-2001

TOTAL NUMBER OF PAGES INCLUDING COVER PAGE: 2

All information contained in this facsimile is confidential and is solely directed to the above named recipient. If you receive this fax in error, or there is a problem with the transmission, please call: 1-435-789-4120. Thank you.

Lesha,

Attached please find a signed certification page for the East Chapita 800-16 Permit. My apologies for not having signed the first one.

Thank you,



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

June 13, 2001

EOG Resources, Inc.
PO Box 1815
Vernal, UT 84078

Re: East Chapita 800-16 Well, 1865' FSL, 1693' FWL, NE SW, Sec. 16, T. 9 South,
R. 23 East, Uintah County, Utah

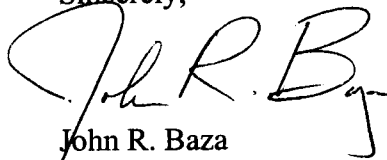
Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34073.

Sincerely,



John R. Baza
Associate Director

er

Enclosures

cc: Uintah County Assessor
SITLA

Operator: EOG Resources, Inc.
Well Name & Number East Chapita 800-16
API Number: 43-047-34073
Lease: ML 47045

Location: NE SW Sec. 16 T. 9 South R. 23 East

Conditions of Approval

1. **General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

DIVISION OF OIL, GAS AND MINING

OPERATOR: EOG Resources, Inc.

OPERATOR ACCT. NO. N9550

ENTITY ACTION FORM - FORM 6

ADDRESS: P.O. BOX 250

FAX: JIM THOMPSON

BIG PINEY, WYOMING 83113

(801) 359-3940

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QR	SEC.	TP	RG			
A	99999	13279	43-019-31381	MOON RIDGE FED. 31-21X	NW/NE	21	16S	21E	GRAND	7/01/2001	9-4-01
1 COMMENTS: 9-4-01											
A	99999	13273	43-047-34073	EAST CHAPITA 800-16	NE/SW	16	9S	23E	UINTAH	8/7/2001	8-29-01
2 COMMENTS: 8-29-01											
CONFIDENTIAL											
3 COMMENTS:											
4 COMMENTS:											
5 COMMENTS:											

ACTIONS CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)
STATE OF UTAH

Dan Carlson
Signature
Regulatory Analyst
7/29/2001
Date
Phone No. (307) 276-3331

RECEIVED

2001

DIVISION OF
OIL, GAS AND MINING

OPERATOR ACCT. NO. N

Sep-04-01 08:12am From-EOG - BIG PINEY, WY.

3072768836

T-817 P. 02/02 F-823

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

OPERATOR: EOG Resources, Inc.
ADDRESS: P.O. BOX 250
BIG PINEY, WYOMING 83113

OPERATOR ACCT. NO. N
FAX: JIM THOMPSON N 9550
(801) 359-3940

ENTITY ACTION FORM - FORM 6

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SEC.	TP	RG			
✓ A	99999	13142	43-019-31381	MOON RIDGE FED. 31-21X	NW/NE	21	16S	21E	GRAND	7/01/2001	1-6-01
1 COMMENTS: 1-6-01											
✓ A	99999	13273	43-047-34073	EAST CHAPITA 800-16	NE/SW	16	9S	23E	UINTAH	8/7/2001	8-29-01
2 COMMENTS: 8-29-01 CONFIDENTIAL											
3 COMMENTS:											
4 COMMENTS:											
5 COMMENTS:											

ACTIONS CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)
STATE OF UTAH

Dan Carlisle
Signature
Regulatory Analyst 7/29/2001
Title Date
Phone No. (307) 276-3331

OPERATOR ACCT. NO. N

Aug-28-01 03:40pm From:EOG - BIG PINEY, WY. 3072763335 T-736 P.02/02 F-670

(December 1989)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil WELL ☒ Gas Well ☐ Other

CONFIDENTIAL

2. Name of Operator

EOG Resources, Inc.

3. Address and Telephone No.

P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1865' FSL - 1693' FWL (NE/SW)
SECTION 16, T9S, R23E**

FORM APPROVED

Budget No. 1004-0135

Expires September 30, 1990

5. Lease Designation and Serial No.

ML 47045

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A., Agreement Designation

8. Well Name and No.

EAST CHAPITA 800-16

9. API Well No.

43-047-34073

10. Field and Pool or Exploratory Area

CHAPITA WELLS/WASATCH

11. County State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ NOTICE OF INTENT
☒ SUBSEQUENT REPORT
☐ FINAL ABANDONMENT NOTICE

TYPE OF ACTION

<input type="checkbox"/> ABANDONMENT	<input type="checkbox"/> CHANGE OF PLANS
<input type="checkbox"/> RECOMPLETION	<input type="checkbox"/> NEW CONSTRUCTION
<input type="checkbox"/> PLUGGING BACK	<input type="checkbox"/> NON-ROUTINE FRACTURING
<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> WATER SHUT-OFF
<input type="checkbox"/> ALTERING CASING	<input type="checkbox"/> CONVERSION TO INJECTION
<input checked="" type="checkbox"/> OTHER	SPUD DATE

(Note: Report results of multiple completion on Well Completions
or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work if well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

EOG Resources, Inc. spud 12-1/4" surface hole at the subject location 8/07/2001. The contractor was Dall Cook's Air Drilling. Ed Forsman of the Vernal BLM District office and Carol Daniels of the Utah Division of Oil, Gas & Mining were notified of spud 8/08/2001.

RECEIVED

AUG 10 2001

DIVISION OF
OIL, GAS AND MINING

***NOTE: EOG Resources, Inc. will be using Nationwide Bond #NM 2308**

14. I hereby certify that the foregoing is true and correct

SIGNED *Paty Carls* TITLE Regulatory Analyst DATE 8/08/2001

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Project No. 1004-0135
Expires September 30, 1990

CONFIDENTIAL

AMENDED
8/18/2001

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil WELL ☒ Gas Well ☐ Other

2. Name of Operator
EOG Resources, Inc.

3. Address and Telephone No.
P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**1865' FSL - 1693' FWL (NE/SW)
SECTION 16, T9S, R23E**

5. Lease Designation and Serial No.
ML 47045

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A., Agreement Designation

8. Well Name and No.
EAST CHAPITA 800-16

9. API Well No.
43-047-34073

10. Field and Pool or Exploratory Area
CHAPITA WELLS/WASATCH

11. County State
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT	<input type="checkbox"/> ABANDONMENT	<input type="checkbox"/> CHANGE OF PLANS
<input checked="" type="checkbox"/> SUBSEQUENT REPORT	<input type="checkbox"/> RECOMPLETION	<input type="checkbox"/> NEW CONSTRUCTION
<input type="checkbox"/> FINAL ABANDONMENT NOTICE	<input type="checkbox"/> PLUGGING BACK	<input type="checkbox"/> NON-ROUTINE FRACTURING
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> ALTERING CASING	<input type="checkbox"/> CONVERSION TO INJECTION
	<input checked="" type="checkbox"/> OTHER	SPUD DATE

(Note: Report results of multiple completion on Well Completions or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work if well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

EOG Resources, Inc. spud 17-1/2" surface hole at the subject location 8/07/2001. The contractor was Dall Cook's Air Drilling. Ed Forsman of the Vernal BLM District office and Carol Daniels of the Utah Division of Oil, Gas & Mining were notified of spud 8/08/2001.

RECEIVED
AUG 21 2001
DIVISION OF
OIL, GAS AND MINING

*NOTE: EOG Resources, Inc. will be using Nationwide Bond #NM 2308

14. I hereby certify that the foregoing is true and correct

SIGNED Katy Carlson TITLE Regulatory Analyst DATE 8/08/2001

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

CONFIDENTIAL

Core Analysis Report

For

EOG Resources, Inc.

E. Chapita Unit 800-16

Sec. 16 T9S R23E 43-047-34073

Uintah County, Utah

RECEIVED

OCT 15 2001

DIVISION OF
OIL, GAS AND MINING

Laboratory Procedures – E. Chapita Unit 800-16 Well

On September 19th, 2001 Precision Core Analysis, Inc. received 46 rotary-drilled sidewall core samples from the E. Chapita Unit 800-16 well per instructions from Mr. Roger Falk of EOG Resources, Inc. The core samples were processed at the well site by Schlumberger, carefully placed into glass sample jars and expeditiously transported back to our Denver, Colorado facility.

Upon arrival at our Denver facility, the cores were carefully removed from the glass jars and marked with sample numbers. Wherever possible the core plugs to be analyzed were trimmed to right cylinders utilizing a diamond-tipped trim saw and water as the blade coolant. The trimmed samples were placed into a conventional drying oven for four hours at 180° F. The samples were removed from the oven and allowed to cool within a sealed glass desicator until reaching room temperature.

Specific physical properties (length, diameter, weight and bulk volume) of each plug sample were measured and recorded. The samples were individually placed into a Coberly-Stevens Boyle's Law porosimeter and injected with helium at approximately 100 psig. Corresponding pressures and volumes were measured and utilized in the Boyle's Law equation to calculate sample grain volume. Pore volume was determined by subtracting the calculated grain volume from the measured bulk volume (determined by Archimedes Principal using mercury immersion). Grain density was calculated by dividing the calculated grain volume into the measured sample weight.

The samples were next placed individually into a Hassler-Sleeve core holder. The annulus of the core holder was pressurized to a pre-determined value (400 psig minimum) to seal the sample. Nitrogen gas was forced through the sample at a given pressure under steady-state conditions, flow rate was measured and permeability to air was calculated. Utilizing the parameters thus measured, a Klinkenberg-corrected permeability value was calculated and reported. A number of the samples received were not of sufficient size or shape for permeability determinations and are noted as such in the following report.

At the conclusion of testing the samples and associated trimmed ends were returned to Mr. Roger Falk of EOG Resources, Inc. at his request.

It has been our pleasure to perform this study for EOG Resources, Inc. Please feel free to contact us should any questions arise or if we may be of further assistance.

Sincerely,



Stephen H. Leeds

President

Precision Core Analysis, Inc.



EOG Resources, Inc.
E. Chapita Unit 800-16
Sec. 16 T9S R23E
Uintah County, Utah

Job:
Date:

21054
28-Sep-2001

Reference Number	Depth (ft)	Permeability Air (md)	Permeability Klink (md)	Helium Porosity (%)	Grain Density (g/cc)	Sample Description
<i>Rotary-Drilled Sidewall Cores</i>						
1	5108.0	0.014	0.005	7.9	2.70	Sst vf-f gr com dol cmt tr pyr
2	5128.0	0.081	0.044	12.5	2.66	Sst f-m gr tr dol cmt pr srt
3	5243.0	0.027	0.012	7.5	2.68	Sst vf-f gr com calc cmt bur
4	5878.0	0.428	0.296	10.2	2.65	Sst f-m gr calc cmt hor m-frac
5	6224.0	0.542	0.391	9.9	2.65	Sst f-m gr calc cmt hor mod srtgd
6	6558.0	0.093	0.052	10.1	2.64	Sst vf-f gr com C lam
7	6580.0	<i>Unsuitable</i>		12.5	2.65	Sst f-m gr tr calc cmt mod srt
8	6698.0	<i>Unsuitable</i>		12.7	2.65	Sst f-m gr tr calc cmt mod srt
9	6720.0	0.129	0.076	10.1	2.64	Sst vf-f gr tr hor C lam mod srt
10	6734.0	<i>Unsuitable</i>		12.8	2.64	Sst f-m gr com qtz ovrghs
11	6755.0	0.416	0.287	12.1	2.64	Sst f gr com qtz ovrghs mod srt
12	6770.0	0.280	0.184	10.5	2.64	Sst f-m gr com qtz ovrghs mod srt
13	6844.0	<i>Unsuitable</i>		9.4	2.62	Sst f-m gr com qtz ovrghs mod srt
14	6858.0	0.038	0.018	7.3	2.67	Sst f gr com calc cmt wl srt
15	6934.0	0.324	0.217	11.3	2.64	Sst f-m gr com qtz ovrghs mod srt
16	6950.0	0.139	0.083	7.7	2.64	Sst f-m gr com qtz ovrghs mod srt
17	7013.0	0.095	0.053	8.5	2.66	Sst f gr com calc cmt wl srt
18	7059.0	0.226	0.144	10.7	2.66	Sst f-m gr com calc cmt wl srt
19	7092.0	0.431	0.298	11.6	2.64	Sst f-m gr tr calc cmt wl srt
20	7144.0	0.136	0.081	10.4	2.66	Sst f gr com calc cmt tr C lam
21	7174.0	0.061	0.031	9.9	2.66	Sst vf-f gr com calc cmt tr C lam
22	7250.0	0.008	0.003	7.3	2.71	Sst slt-vf gr com dol cmt lam
23	7517.0	0.058	0.030	9.1	2.67	Sst vf-f gr tr dol cmt mod srt
24	7565.0	0.035	0.016	7.8	2.68	Sst vf-f gr tr dol cmt mod srt
25	7610.0	0.009	0.003	8.3	2.74	Sst slt-vf gr com dol cmt lam
26	7624.0	1.96	1.37	10.2	2.67	Sst vf-f gr com calc cmt mod srt
27	7648.0	0.083	0.045	10.0	2.66	Sst vf-f gr tr calc cmt hor frac
28	7680.0	0.079	0.043	10.2	2.66	Sst vf-f gr tr calc cmt qtz ovrghs



EOG Resources, Inc.
E. Chapita Unit 800-16
Sec. 16 T9S R23E
Uintah County, Utah

Job:
Date:

21054
28-Sep-2001

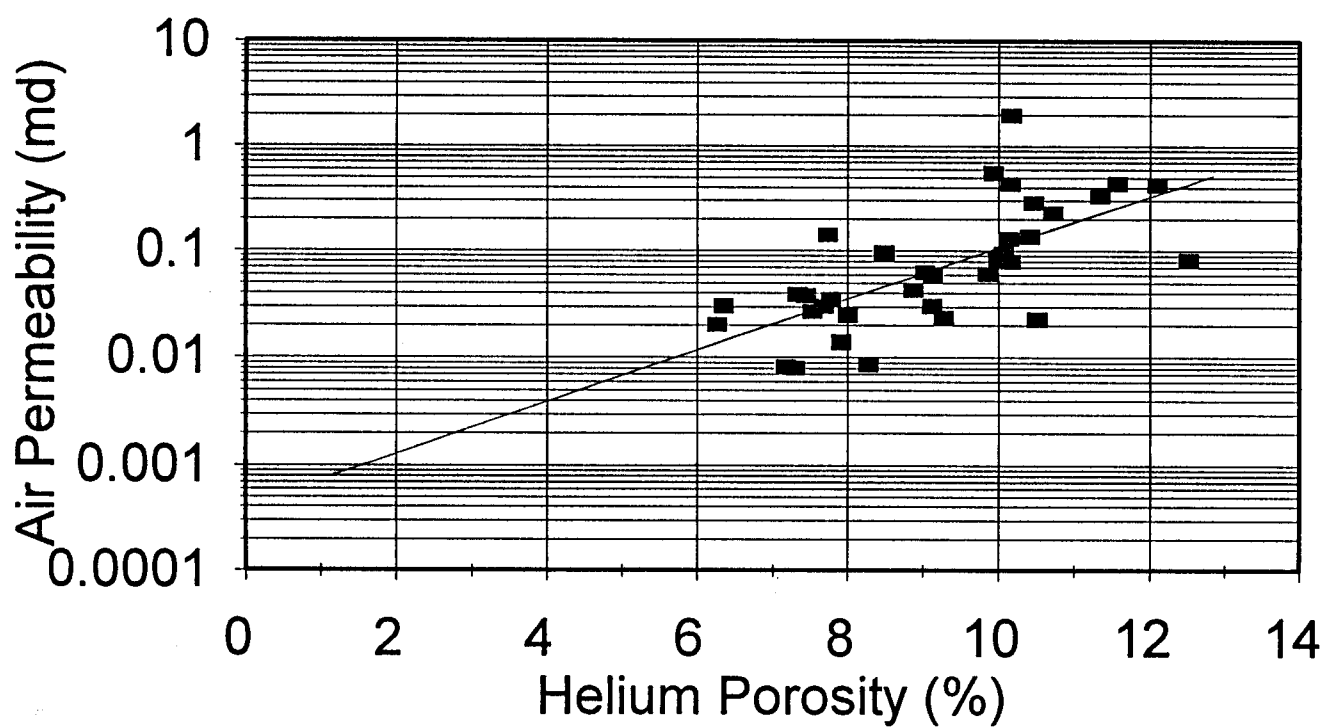
Reference Number	Depth (ft)	Permeability		Helium Porosity	Grain Density	Sample Description
		Air (md)	Klink (md)	(%)	(g/cc)	
29	7708.0	Unsuitable		3.3	2.45	Sh Sdy C lam com hor frags
30	7764.0	0.020	0.008	6.3	2.69	Sst vf gr abd calc cmt sh lam
31	7784.0	0.038	0.018	7.5	2.67	Sst vf gr com calc cmt abd lam
32	7808.0	Unsuitable		5.8	2.68	Sst vf gr dol cmt sh clas
33	7861.0	0.043	0.020	8.9	2.69	Sst vf gr dol cmt lam
34	7878.0	0.024	0.010	9.3	2.70	Sst vf gr dol cmt lam
35	7982.0	Unsuitable		9.5	2.70	Sst vf gr dol cmt tr C lam
36	8013.0	0.025	0.011	8.0	2.68	Sst vf gr dol cmt
37	8063.5	Unsuitable		8.5	2.68	Sst vf gr tr C lam
38	8171.0	Unsuitable		1.2	2.73	Dol Sst vf gr frags
39	8224.0	0.063	0.032	9.0	2.66	Sst vf gr dol cmt
40	8310.0	0.030	0.013	6.4	2.65	Sst vf gr tr dol cmt sh clas
41	8349.0	0.008	0.003	7.2	2.66	Sst slt-vf gr com C lam
42	8444.0	0.030	0.013	9.1	2.66	Sst f-m gr mass mod srted
43	8455.0	0.030	0.014	7.7	2.67	Sst f-m gr mass mod srted
44	8786.0	Unsuitable		6.5	2.60	Sst vf-f gr com C lam
45	8868.0	Shale - No analysis				
46	8896.0	0.023	0.009	10.5	2.65	Sst vf-f gr abd qtz ovrghs pr srted

EOG Resources, Inc.
E. Chapita Unit 800-16
Sec. 16 T9S R23E
Uintah County, Utah

Job:
Date:

21054
28-Sep-2001

Air Permeability vs Helium Porosity

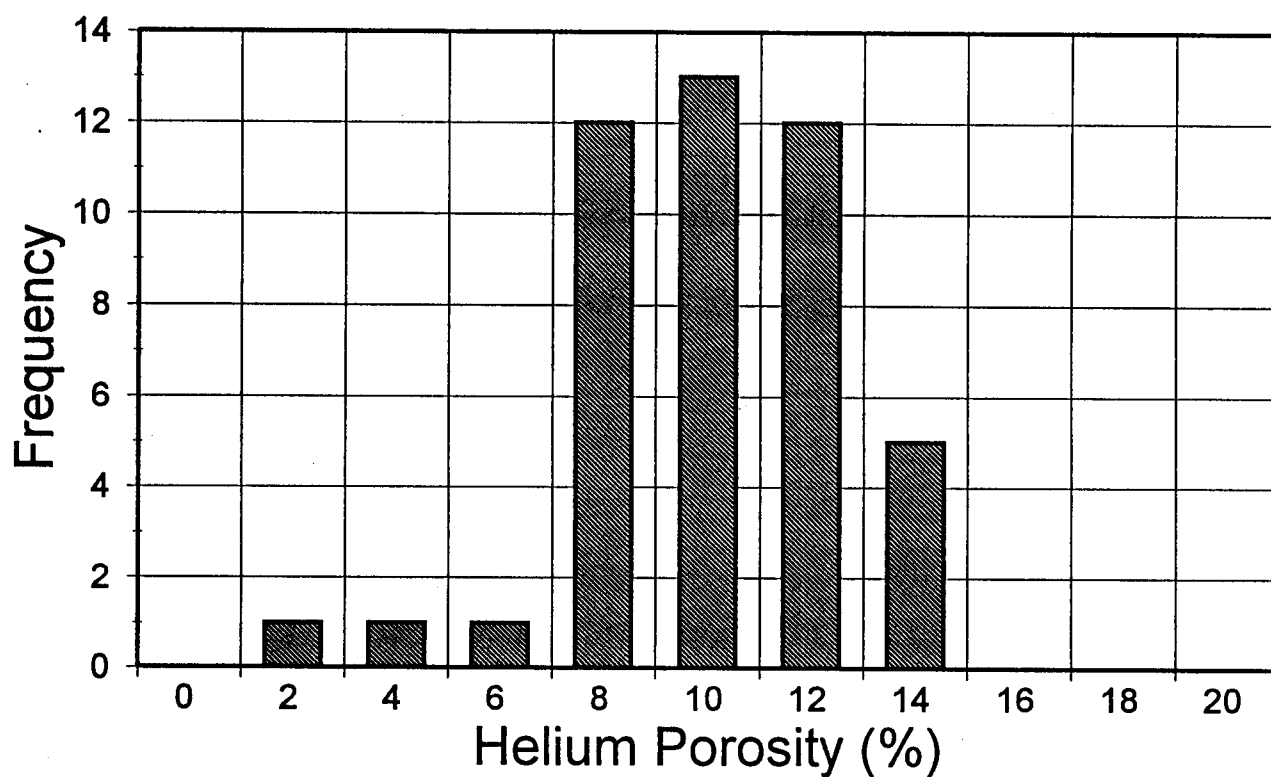


EOG Resources, Inc.
E. Chapita Unit 800-16
Sec. 16 T9S R23E
Uintah County, Utah

Job:
Date:

21054
28-Sep-2001

Helium Porosity Frequency Distribution

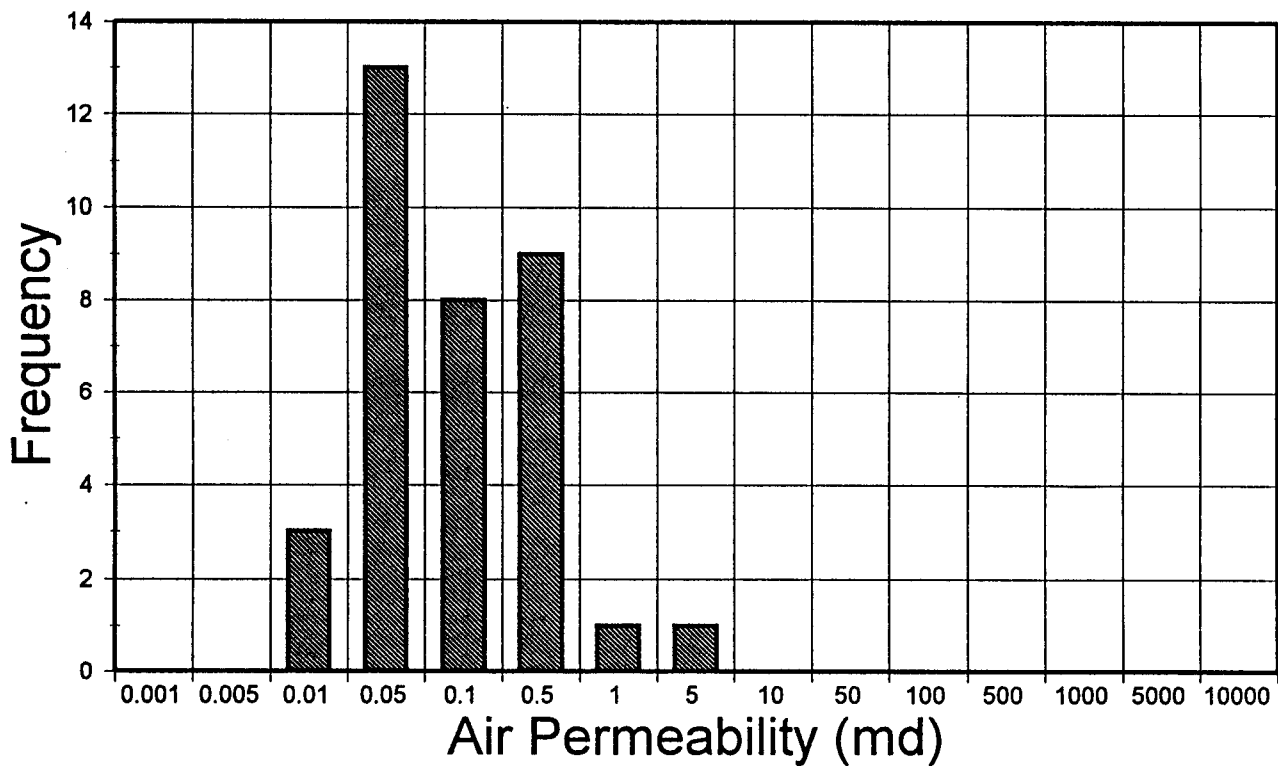


EOG Resources, Inc.
E. Chapita Unit 800-16
Sec. 16 T9S R23E
Uintah County, Utah

Job:
Date:

21054
28-Sep-2001

Air Permeability Frequency Distribution

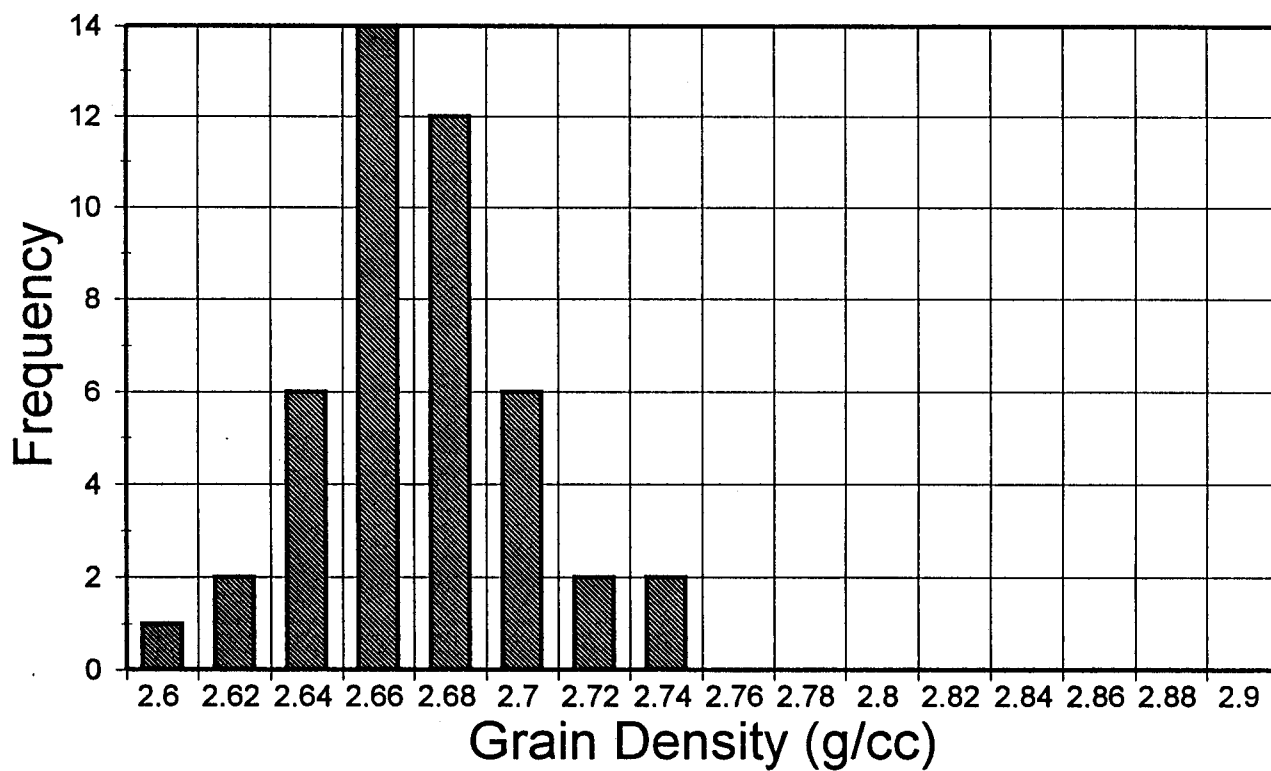


EOG Resources, Inc.
E. Chapita Unit 800-16
Sec. 16 T9S R23E
Uintah County, Utah

Job:
Date:

21054
28-Sep-2001

Grain Density Frequency Distribution



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

FORM APPROVED
Bureau No. 1004-0135
Exp. September 30, 1990

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

CONFIDENTIAL

2. Name of Operator

EOG Resources, Inc.

3. Address and Telephone No.

P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1865' FSL - 1693' FWL (NE/SW)
SECTION 16, T9S, R23E**

5. Lease Designation and Serial No.

ML 47045

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A., Agreement Designation

8. Well Name and No.

EAST CHAPITA 800-16

9. API Well No.

43-047-34073

10. Field and Pool or Exploratory Area
CHAPITA WELLS/MESAVERDE

11. County State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ NOTICE OF INTENT
☐ SUBSEQUENT REPORT
☐ FINAL ABANDONMENT NOTICE

☐ ABANDONMENT
☐ RECOMPLETION
☐ PLUGGING BACK
☐ CASING REPAIR
☐ ALTERING CASING
☒ OTHER

☐ CHANGE OF PLANS
☐ NEW CONSTRUCTION
☐ NON-ROUTINE FRACTURING
☐ WATER SHUT-OFF
☐ CONVERSION TO INJECTION
☐ DISPOSAL OF PRODUCED WATER

(Note: Report results of multiple completion on Well Completions
or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work if well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations:

- 1. Natural Buttes Unit 21-20B SWD**
- 2. Ace Disposal**
- 3. EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit)**
- 4. RN Industries.**

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

***NOTE: EOG Resources, Inc. will be using Nationwide Bond #NM 2308**

14. I hereby certify that the foregoing is true and correct

SIGNED *Fathy Carlsen* TITLE **Regulatory Analyst** DATE **12/10/2001**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

DEC 17 2001

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**DIVISION OF
OIL, GAS AND MINING**

Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL:

OIL WELL

GAS WELL

DRY

OTHER

2. TYPE OF COMPLETION:

NEW WELL

WORK OVER

DEEPEN

PLUG BACK

DIFF RES

OTHER

3. NAME OF OPERATOR

EOG Resources, Inc.

4. ADDRESS OF OPERATOR

P.O. BOX 250 BIG PINEY, WYOMING 83113

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

1865' FSL - 1693' FWL (NE/SW)

At top prod. interval reported below

SAME

At total depth

SAME

15. DATE SPUDDED

8/08/2001

16. DATE T.D. REACHED

9/16/2001

17. DATE COMPL. (Ready to prod.)

11/10/2001

18. ELEVATIONS (OF RKB, RT, OR ETC.)

4970' KB

19. ELEV. CASINGHEAD

4954' PREP. GL.

20. TOTAL DEPTH, MD & TVD

8960'

21. PLUG, BACK T.D., MD & TVD

8917' CIBP @ 8652'

22. IF MULTIPLE COMPLECTIONS, HOW MANY?

1

23. ROTARY TOOLS

ROTARY

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)

MESAVERDE

7568' - 8904'

25. WAS DIRECTIONAL SURVEY MADE?

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Mechanical Sidewall Coring Tool, Platform Express Logs: Cement Volume, Caliper Log, Sonic Porosity, Compensated Neutron, High Resolution Laterlog, GR, Three Detector Density, Compensated Neutron.

27. WAS WELL CORED?

YES

28.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48.0# H-40	147'	17-1/2"	160 sx Class "G" cement.	NONE
9-5/8"	36/0# J-55	2403'	12-1/4"	200 sx Hi-Lift & 400 sx 10/2 RFC.	NONE
4-1/2"	11.6# N-80	8960'	7-7/8"	300 sx Hi-Lift & 1100 sx 50/50 Pozmix.	

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)

30.

TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	7508'	

31. PERFORATION RECORD (Interval, size and number)

Sego 8785-87, 8868-70', 8895-97' & 8902-04' w/3 SPF
Lower Price River 8224-26', 8309-11', 8358-60' & 8444-46' w/3 SPF
Middle Price River 7981-83', 8012-14', 8064-66' & 8091-93' w/3 SPF
Upper Price River 7568-69', 7624-25', 7630-31', 7642-43', w/3 SPF
7650-51', 7660-61', 7690-91', 7732-33'
7783-84', 7796-97' & 7800-01'

32.

ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8785-8904'	1612 bbls of gelled water & 173,430# 20/40 sand.
8224-8446'	50,000 gals of gelled water & 126,840# 20/40 sand.
7981-8093'	51,538 gals of gelled water & 145,640# 20/40 sand.
7568-7801'	65,375 gals of gelled water & 186,367# 20/40 sand.

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)					WELL STATUS (Producing or shut-in)	
11/10/2001		FLOWING					PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR	OIL BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO	
12/11/2001	24	12/64"		7 BC	55 MCFD	57 BW		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED		OIL-BBL.	GAS-MCF.	WATER-BBL.	OIL GRAVITY-API (CORR.)	
FTP 425 psig	CP 1025 psig			7 BC	55 MCFD	57 BW		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY			
SOLD					JAY ORR			

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

Raty Carlson

TITLE

Regulatory Analyst

DATE

12/10/2001

*(See Instructions and Spaces for Additional Data on Reverse Side)

DEC 17 2001

DIVISION OF
OIL, GAS AND MINING

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *None:* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 25 U.S.C. et. seq., 43 CFR 3160

PRINCIPLE PURPOSE: The information is to be used to evaluate the actual operations performed in the drilling of an oil or gas well on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the drilling of the well. (2) The review of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling and producing oil and gas on Federal and Indian oil and gas leases.

This information will be used to analyze operations and compare equipment and procedures actually used with the proposals applied for.

Response to this request is mandatory once an oil or gas well is drilled.

SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; core intervals; and all unit-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Green River	1700'	
				"M" Marker	4290'	
				Wasatch	4604'	
				Island	6711'	
				Mesaverde/Price River	7285'	
				Lower Price River	8392'	
				Sego	8888'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals
SUBMIT IN TRIPLICATE

FORM APPROVED
Bureau No. 1004-0135
Exp. September 30, 1990

1. Type of Well <div><input type="checkbox"/> Oil WELL <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other</div>	CONFIDENTIAL	5. Lease Designation and Serial No. ML 47045
2. Name of Operator EOG Resources, Inc.		6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331		7. If Unit or C.A., Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1865' FSL - 1693' FWL (NE/SW) SECTION 16, T9S, R23E		8. Well Name and No. EAST CHAPITA 800-16
		9. API Well No. 43-047-34073
	10. Field and Pool or Exploratory Area CHAPITA WELLS/MESAVERDE	11. County State UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT	<input type="checkbox"/> ABANDONMENT	<input type="checkbox"/> CHANGE OF PLANS
<input checked="" type="checkbox"/> SUBSEQUENT REPORT	<input checked="" type="checkbox"/> RECOMPLETION	<input type="checkbox"/> NEW CONSTRUCTION
<input type="checkbox"/> FINAL ABANDONMENT NOTICE	<input type="checkbox"/> PLUGGING BACK	<input type="checkbox"/> NON-ROUTINE FRACTURING
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> ALTERING CASING	<input type="checkbox"/> CONVERSION TO INJECTION
	<input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CONTINUED COMPLETION
(Note: Report results of multiple completion on Well Completions or Recompletion Report and Log Form.)		

13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work if well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

EOG Resources, Inc. completed the Island formation as follows:

1. Perforated from 6841-46', 6850-6852', 6854-56' & 6858-60'.
2. Fracture stimulated w/21,884 gals gelled water & 71,000# 20/40 sand.
3. Perforated from 6732-41' & 6754-60'.
4. Fracture stimulated w/30,474 gals gelled water & 126,700# 20/40 sand.
5. Perforated from 6554-64.
6. Fracture stimulated w/15,307 gals gelled water & 65,700# 20/40 sand.
7. Placed well on production 1/22/2002.

WSTC. P2/KATY CARLSON/2-19-02

TEST: 2/07/2002, 818 MCFD, 0 BC, 63 BW in 24 hours on a 14/64" choke, FTP 975 psig, CP 1140 psig.

RECEIVED
FEB 14 2002
DIVISION OF
OIL, GAS AND MINING

*NOTE: EOG Resources, Inc. will be using Nationwide Bond #NM 2308

14. I hereby certify that the foregoing is true and correct

SIGNED	<i>Katy Carlson</i>	TITLE	Regulatory Analyst	DATE	2/10/2002
--------	---------------------	-------	--------------------	------	-----------

(This space for Federal or State office use)

APPROVED BY	TITLE	DATE
-------------	-------	------

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals
SUBMIT IN TRIPLICATE

FORM APPROVED
Budget Bureau No. 1004-0135
Expires December 30, 1990

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

CONFIDENTIAL

2. Name of Operator

EOG Resources, Inc.

3. Address and Telephone No.

P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1865' FSL - 1693' FWL (NE/SW)
SECTION 16, T9S, R23E**

5. Lease Designation and Serial No.
ML 47045

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A., Agreement Designation

8. Well Name and No.

EAST CHAPITA 800-16

9. API Well No.

43-047-34073

10. Field and Pool or Exploratory Area
CHAPITA WELLS/MESAVERDE

11. County State
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT	<input type="checkbox"/> ABANDONMENT	<input type="checkbox"/> CHANGE OF PLANS
<input checked="" type="checkbox"/> SUBSEQUENT REPORT	<input checked="" type="checkbox"/> RECOMPLETION	<input type="checkbox"/> NEW CONSTRUCTION
<input type="checkbox"/> FINAL ABANDONMENT NOTICE	<input type="checkbox"/> PLUGGING BACK	<input type="checkbox"/> NON-ROUTINE FRACTURING
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> ALTERING CASING	<input type="checkbox"/> CONVERSION TO INJECTION
	<input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CONTINUED COMPLETION

(Note: Report results of multiple completion on Well Completions or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work if well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

EOG Resources, Inc. completed the Island formation as follows:

1. Perforated from 6841-46', 6850-6852', 6854-56' & 6858-60'.
2. Fracture stimulated w/21,884 gals gelled water & 71,000# 20/40 sand.
3. Perforated from 6732-41' & 6754-60'.
4. Fracture stimulated w/30,474 gals gelled water & 126,700# 20/40 sand.
5. Perforated from 6554-64.
6. Fracture stimulated w/15,307 gals gelled water & 65,7003 20/40 sand.
7. Placed well on production 1/22/2002.

WSTC P2/KATY CARLSON/2-19-02

TEST: 2/07/2002, 818 MCFD, 0 BC, 63 BW in 24 hours on a 14/64" choke, FTP 975 psig, CP 1140 psig.

RECEIVED

FEB 14 2002

**DIVISION OF
OIL, GAS AND MINING**

*NOTE: EOG Resources, Inc. will be using Nationwide Bond #NM 2308

14. I hereby certify that the foregoing is true and correct

SIGNED Katy Carlson TITLE Regulatory Analyst DATE 2/10/2002

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
ML 47045

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
EAST CHAPITA 800-16

2. Name of Operator
EOG RESOURCES, INC.

Contact: KATY CARLSON
E-Mail: Kathleen_Carlson@EOGResources.com

9. API Well No.
43-047-34073

3a. Address
P.O. BOX 250
BIG PINEY, WY 83113

3b. Phone No. (include area code)
Ph: 307.276.4842

10. Field and Pool, or Exploratory
CHAPITA WELLS/MESAVERDE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 16 T9S R23E NESW 1865FSL 1693FWL

11. County or Parish, and State
UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete (Reperf)	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. continued the completion of the referenced well as follows: *WSTC P2 per Katy/5-29-02*

1. Perforated North Horn from 6841-46', 6850-52', 6854-56' & 6858-60'. Fracture stimulated w/21,884 gals gelled water & 71,000# 20/40 sand.
2. Perforated North Horn from 6732-41' & 6754-60'. Fracture stimulated w/30,474 gals gelled water & 126,700# 20/40 sand.
3. Perforated North Horn from 6554-64'. Fracture stimulated w/15,307 gals gelled water & 65,00# 20/40 sand.
4. Set CIBP @ 6675'. (NOTE: Additional CIBP's @ 8150' KB & 8652' KB.
5. Placed well on production 3/15/2002.

TEST: 4/04/2002, 468 MCFD, 3 BC, 2 BW in 24 hours on a 14/64" choke, FTP 500 psig, CP 610 psig.

RECEIVED

MAY 29 2002

**DIVISION OF
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #11502 verified by the BLM Well Information System
For EOG RESOURCES, INC., will be sent to the Vernal**

Name (Printed/Typed) KATY CARLSON

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 05/24/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** DRAFT ** DRAFT ** DRAFT ** DRAFT ** DRAFT ** DRAFT ** DRAFT ****

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47045
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: E CHAPITA 800-16	
2. NAME OF OPERATOR: EOG Resources, Inc.	9. API NUMBER: 43047340730000	
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000 N , Denver, CO, 80202	PHONE NUMBER: 435 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1865 FSL 1693 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 16 Township: 09.0S Range: 23.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/9/2012	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <u>Measurement variance propd</u>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

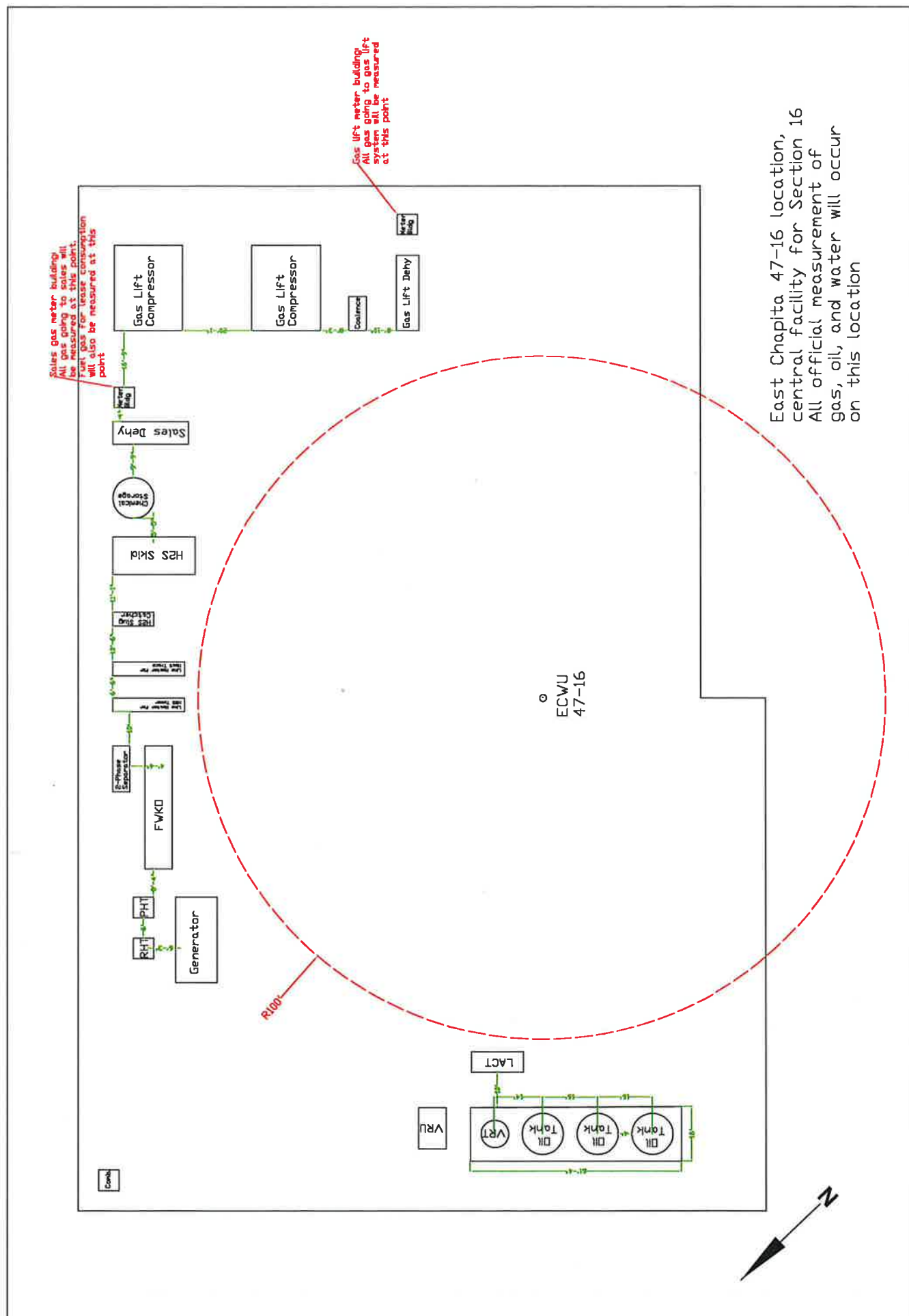
EOG Resources, Inc. respectfully requests authorization to measure and allocate produced gas, condensate and water production as per the attached proposal.

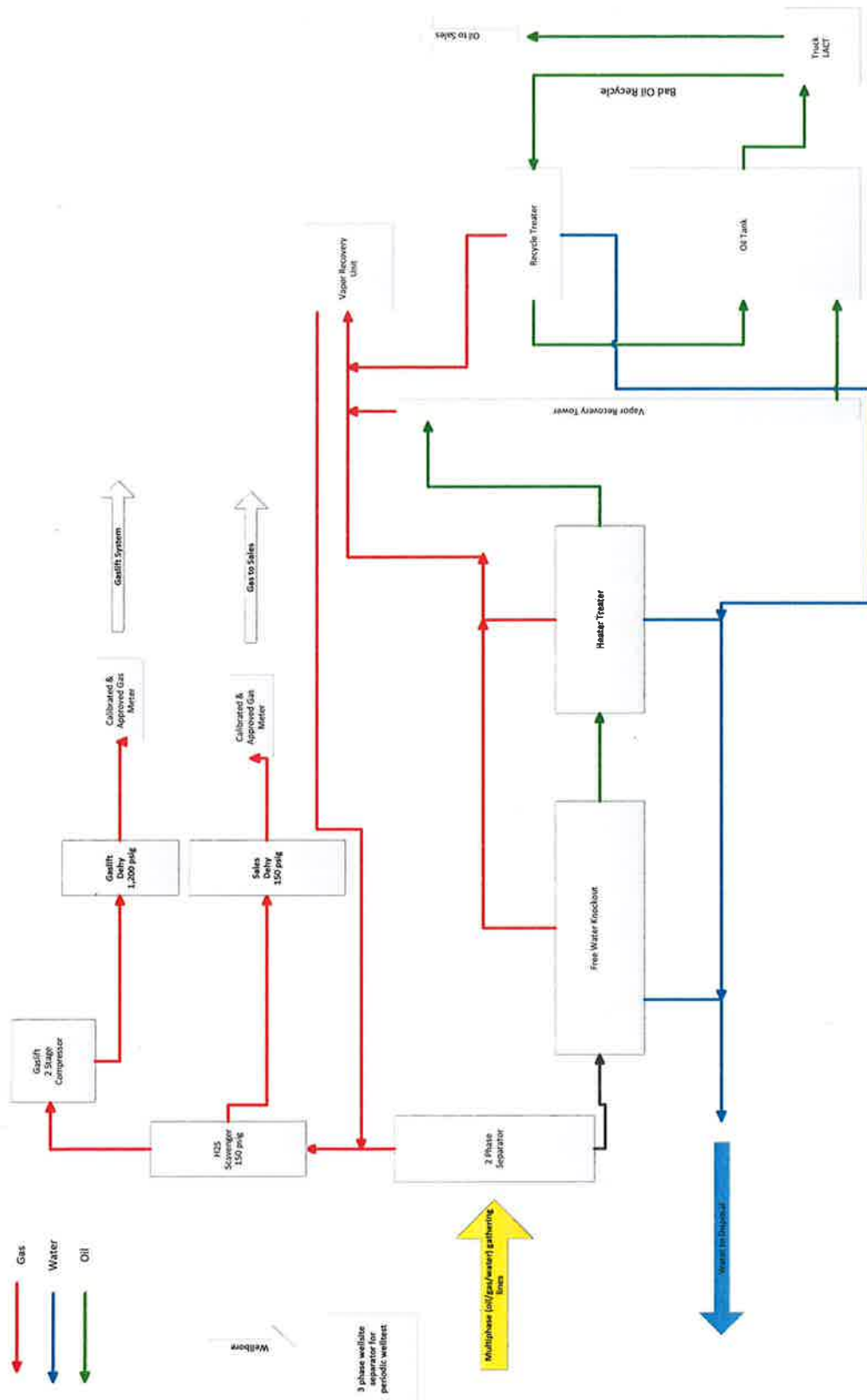
**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: May 11, 2012

By: *D. K. Duff*

NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBER 435 781-9145	TITLE Operations Clerk
SIGNATURE N/A		DATE 4/9/2012









EOG Resources, Inc.
1060 E Hwy 40
Vernal, Utah 84078

FedEx
7933 4391 7041

March 14, 2012

Division of Natural Resources
Utah Division of Oil, Gas, and Mining
Attn: Dustin Doucet, Randy Thackery
1594 West North Temple, Suite 1210
Salt Lake City, UT 84116

RE: Central Facility - Gathering System
Hydrocarbon Measurement Proposal
Section 16 T9S R23E
Uintah County, Utah

Gentlemen:

EOG Resources has submitted a proposal to the School and Institutional Trust Land Administration (SITLA) to install a Central Production Facility / Gathering System for Lease ML-47045. The facility will be located in the SWNE of Section 16, Township 09 South, Range 23 East, on an expanded East Chapita Wells (ECW) 47-16 well location. As you are aware, we have been producing a couple of the wells (ECW 103-16 and ECW 106-16) in section 16 utilizing gas lift operations to enhance production from the wells and have been encouraged with the results of that operation. Based on that fact, we intend to incorporate gas compression into Central Production Facility where we can process the gas, compress it and then send dry gas back to the wells for enhanced recovery via gas lift operations. All of the gas that we use for gas lift operations will be pulled out of the gathering system prior to the measurement point at the Central Facility. We believe that by moving our operations to a central facility, we can reduce air emissions, lower our operating costs (eliminating water hauling by pumping the water to the Coyote disposal facility located in Section 16), enhance our production and ultimately extend the life of the wells. At this time, we intend to measure all production from Lease ML-47045 at the central facility except for the production from ECW 59-16 well which will be measured on location utilizing the existing orifice meter for gas measurement and tank gauging for condensate and water measurement. Currently, the ECW 59-16 well is the only well in Section 16 that is located north of Coyote Wash and we would have to cross the wash to bring the well into the central facility. Eventually, as we continue to develop the lease we would bring the ECW 59-16 well into the central facility. At this time, we intend to leave the existing separator / dehydrator units on location in order to test our wells.

Therefore, EOG Resources would like to propose the following methods to measure the gas, condensate and water production from the aforementioned lease (except for the ECW 59-16) and



EOG Resources, Inc.
1060 E Hwy 40
Vernal, Utah 84078

the methods that we would like to use to measure and allocate production back to the remaining producing wells in the lease.

Gas Measurement – all gas leaving the lease from the central facility will be measured using an electronic flow meter (EFM) with orifice plate that is compliant with American Gas Association No. 3 (AGA) standards and State of Utah Regulations (R649-2-8). This meter will be calibrated on a quarterly basis.

Allocation Method – In an effort to reduce emissions, we intend to produce the wells directly into the gathering system. At least initially, we intend to leave the existing Separator / Dehydrator unit in place and utilize the existing EFM to test the wells on a quarterly basis. This will allow us to allocate production back to the individual wells based on well tests. Each well test will be run for a minimum of 24 hours. Therefore, we propose to allocate gas production to each well by totalizing the results of the well tests for every well and then utilize the results of each individual well to determine a percentage of the total that each well contributes to the total. We will take that percentage for each well and multiply it times the total production that is measured leaving the lease at the central facility on a daily basis. That gas volume will be allocated back to each well and will be reported on a monthly basis.

Gas Lift Operations – Every well in the lease will be evaluated on a case by case basis as to the viability to add gas lift operations to the well. We would like to propose, that for each well that we decide to convert to gas lift or the wells where we have already installed gas lift operations, to measure the injected gas via an EFM (orifice or v-cone) meter at the well site. Therefore, for each well that has had gas lift installed, the volume used for the percentage calculation for allocation to each well will be determined by subtracting the injected volume (per 24 hour period) from the produced volume that was determined during the well test for each well.

Oil / Condensate / Water Measurement – all condensate produced will be sold at the central facility via a Lease Automatic Custody Transfer (LACT) meter. The LACT meter will be proven on a quarterly basis. All water produced will be measured by a master (turbine) meter at the central facility prior to entering the pipeline that goes to the Coyote Saltwater Disposal Facility that is located within the lease boundary.

Allocation Method – We intend to install turbine meters on the dumps in the existing Separator / Dehydrator unit at each well so that we can accurately measure the condensate and water production from each well during the well tests. Therefore, we propose to allocate condensate and water production to each well by totalizing the results of the well tests for every well and then utilize the results of each individual well to determine a percentage of the total that each well contributes to the total. We will take that condensate percentage from each well and multiply it times the total condensate sold at the central facility per month for the allocated condensate production for each well and take the water percentage from each well and multiply it times water volume that is measured per month via the master meter that is located at the central facility for the allocated water production for each well. Those condensate and water volumes will be allocated back to each well and will be reported on a monthly basis.



EOG Resources, Inc.
1060 E Hwy 40
Vernal, Utah 84078

I look forward to hearing from you soon regarding our proposal. If you need any other information from me, I can be reached at (435) 781-9100 (office) or (435) 828-8236 (cell).

Sincerely,

A handwritten signature in blue ink, appearing to read "Ed Forsman", written over a horizontal line.

Ed Forsman
Production Engineering Advisor
EOG Resources – Vernal Operations

cc: Ted Kelly – Big Piney Office
Jim Schaefer – Denver Office
Denver file

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: EOG RESOURCES Operator Account Number: N 9550
Address: 600 17th St., Ste. 1000N
city Denver
state CO zip 80202 Phone Number: (303) 824-5590

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-047-50551	EAST CHAPITA 102-16	NWSE	16	9S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
D	17596	18940	4/23/2010	3/12/2013		
Comments: 3/12/13						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-047-50553	EAST CHAPITA 106-16	SWSE	16	9S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
D	17597	18940	4/22/2010	3/12/2013		
Comments: 3/12/13						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-047-34073	EAST CHAPITA 800-16	NESW	16	9S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
D	13273	18940	8/25/2001	3/12/2013		
Comments: 3/12/13						

RECEIVED

MAR 11 2013

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Vail Nazzaro

Name (Please Print)

Signature *Vail Nazzaro*

Senior Regulatory Assistant

Title

3/8/2013

Date